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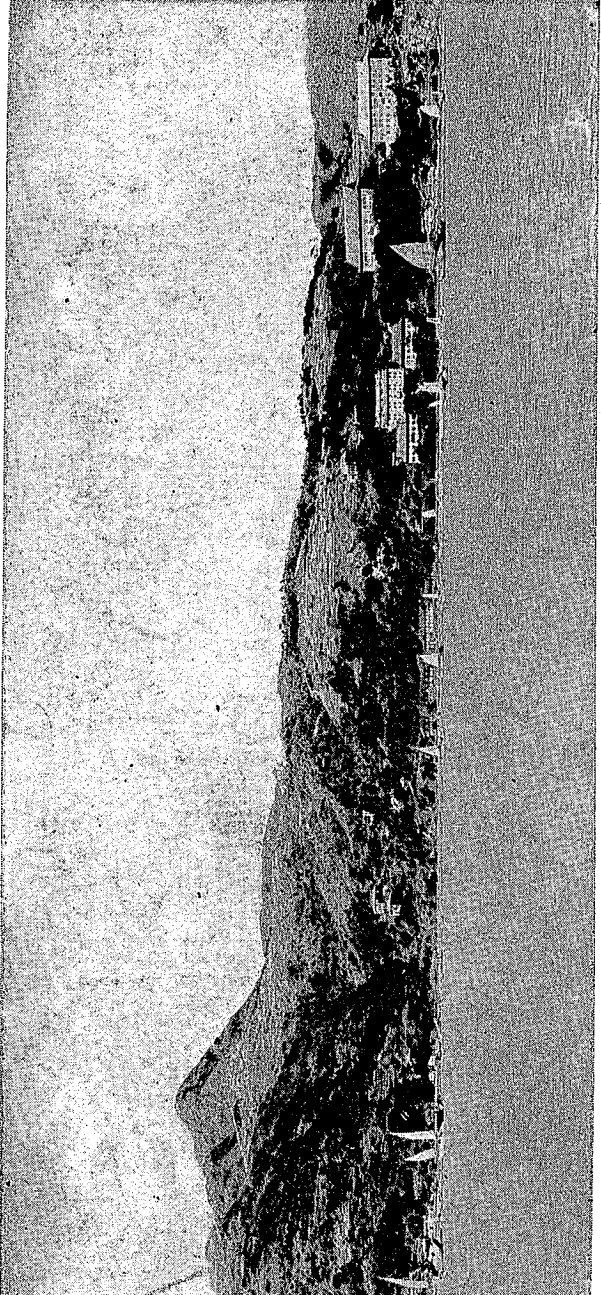
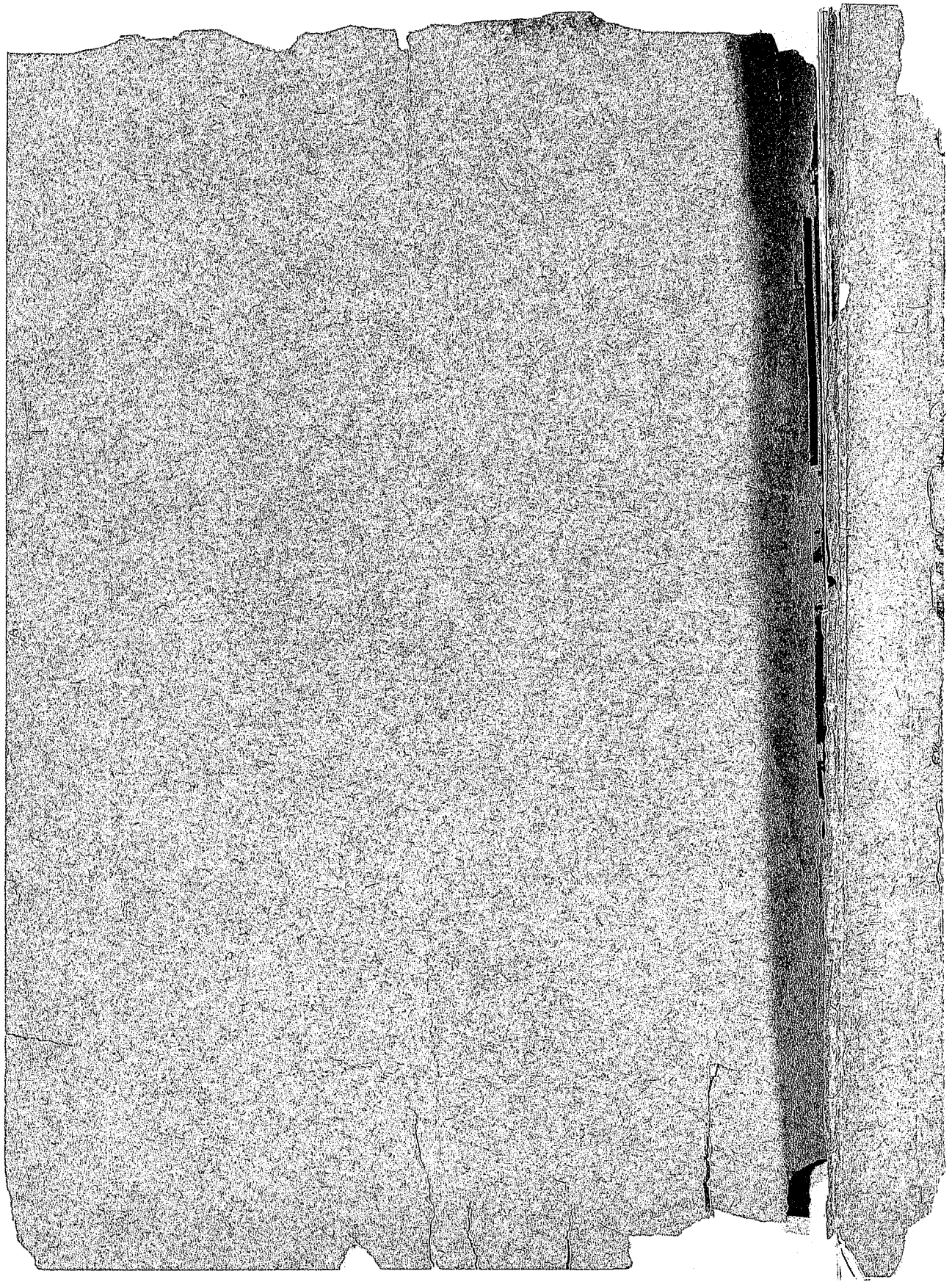
FUKIEN
CHRISTIAN
UNIVERSITY

GENERAL CATALOGUE

1934-1936

FOOCHOW

CHINA



FUKIEN CHRISTIAN UNIVERSITY

(3)

FUKIEN CHRISTIAN UNIVERSITY

GENERAL CATALOGUE

(English Edition)

1934-1936

Foochow, China

January, 1934

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ACADEMIC CALENDAR 1933—1934

1933		Fall Semester
September 4-6	Mon.-Wed.	Entrance Examinations.
September 13-15	Wed.-Fri.	Registration and Payment of Fees.
September 16	Saturday	Drawing of Rooms.
September 18	Monday	Classes begin.
September 18-23	Mon.-Sat.	Change of Courses.
September 27	Wednesday	Last Day for Registration.
October 10	Tuesday	National Day. <i>A Holiday.</i>
November 13	Monday	Dr. Sun's Birthday. <i>A Holiday.</i>
December 19	Monday	Last Day for final approval of Senior Theses by Major Professors.
December 25	Monday	Christmas Day. <i>A Holiday.</i>
Jan. 1-3 1934	Mon.-Wed.	New Year Holidays.
January 11	Thursday	Last Day for submitting Senior Theses to the Dean.
January 18	Thursday	Final Examinations.
January 24	Wednesday	Winter Vacation begins.
1934		Spring Semester
February 5. 6	Mon. Tues.	Entrance Examinations for new students by transfer.
February 19-21	Mon.-Wed.	Registration for Spring Term.
February 22	Thursday	Classes begin.
February 22-28	Thurs.-Wed.	Change of Courses.
March 3	Saturday	Last Day for Registration.
March 12	Monday	Dr. Sun's Memorial Day. <i>A Holiday.</i>
March 29	Thursday	Canton Martyrs' Day. <i>A Holiday.</i>
April 1-7	Sun.-Sat.	Spring Vacation.
May 19	Saturday	Last Day for final approval of Senior Theses by Major Professors.
June 11	Monday	Last Day for submitting Senior Theses to the Dean.
June 18	Monday	No Classes.
June 19	Tuesday	Final Examinations.
June 23	Saturday	Commencement.
June 24	Sunday	Summer Vacation begins.

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Office, 150 Fifth Avenue, New York, N. Y.

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Assistant Treasurer.

BOARD OF MANAGERS

Office, Foochow, China

American Board of Commissioners for Foreign Missions Church of Christ, Mid-Fukien

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Board of Missions of the Reformed Church in America Church of Christ, South Fukien

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Rev. Edward M. Norton

Co-opted Members

Rev. Kuang Hsueh Chang
 Mr. James Ch'en
 Mr. Chu Kwei Wu, '19 (Alumni Member)

President of the University, Ex officio.

Treasurer of the University, Ex officio.

Officers

Rev. Yu Shu Lin, *Chairman*
 Rev. Kuang Hsueh Chang, *Secretary*
 Mr. Robert W. McClure, *Treasurer*

*Deceased

THE FACULTY

- CHING JUNG LIN, *President* ... Professor of Political Science
B. A. Fukien Christian University, 1920; M. A. Oberlin
College, 1920; M. A. Harvard University, 1922; Columbia
University, 1922-25; Drew University, 1925-26.
(1927-)
- THEODORE HSI EN CH'EN, *Dean* Associate Professor of Education
B. A. Fukien Christian University, 1922; M. A. Columbia
University, 1928. (1929-)
- FREDERICK PAUL BEACH ... Professor of Psychology
B. S. (E. E.) University of Michigan, 1898; M. A. Columbia
University, 1910; Oberlin Theological Seminary, 1907-9,
1916; Union Theological Seminary, 1910; Harvard Univer-
sity, 1922. (1921-)
- EDWIN CH'EN ... Lecturer in Economics
B. A. Fukien Christian University, 1922; M. A. University of
Southern California, 1926; M. A. Harvard University, 1927.
(1932-)
- FRANCIS CH'EN ... Lecturer in Economics
B. A. Fukien Christian University, 1927; M. A. Yenching
University, 1929; B. D. Yenching School of Religion, 1930;
Ph. D. Yale University, 1933. (1934-)
- WEN YUN CH'EN ... Associate Professor of Psychology
B. A. University of Syracuse, 1918; M. A. 1919; Ph. D.
Duke University, 1930; Cambridge University, England,
1928; University of Berlin, 1930-31. (1931-)
- CHING TUAN CHENG ... Instructor in Biology
B. A. Fukien Christian University, 1929; Yenching Univer-
sity, 1930-31. (1931-)
- TSO HSIN CHENG ... Assistant Professor of Biology
B. A. Fukien Christian University, 1926; M. A. University
of Michigan, 1927; Ph. D. 1930. (1930-)
- JEN YU CHIANG ... Graduate Assistant in Biology
B. A. Fukien Christian University, 1932. (1932-)
- TIEN FU CHIANG ... Graduate Assistant in Agriculture
B. S. Nanking Agricultural College, 1933. (1933-)

- WEI TSE CHU ... Instructor in Chinese
Nanking Theological Seminary, 1924-7; Chiu O University,
Tokyo, 1930-32. (1928-)
- MALCOLM FISK FARLEY ... Associate Professor of English
B. A. Hamline University, 1921; M. A. University of
Minnesota, 1922; The Sorbonne; Institute des Hautes Etudes
Chinoises de Paris, 1929-30. (1922-)
- HSI KUO ... Assistant Professor of Chinese Literature
Graduate Government Teachers' College, Kiangsu, 1911.
(1927-)
- CLAUDE RUPERT KELLOGG ... Professor of Biology
B. A. University of Denver, 1909; M. A. University of
Wisconsin, 1918; Bussey Institute, 1924-25; Massachusetts
State College, 1932-34. (On furlough 1931-34.)
(1916-)
- HAI PAN LI ... Military Drill Officer
(1930-)
- I YING LI ... Instructor in Chemistry
B. A. Fukien Christian University, 1929. (1929-)
- TIEN LAN LIN ... Professor of History
B. A. Southwestern College, 1914; M. A. Princeton Uni-
versity, 1916. (1929-30, 1932-)
- WEI CHIEH LIN ... Graduate Assistant in Chemistry
B. A. Fukien Christian University, 1933. (1933-)
- YU CHI LIN ... Instructor in Mathematics
B. S. (Civil Engineering) Michigan State College, 1929;
C. E. 1933; Wesleyan University, 1921-23; Detroit Univer-
sity; Ford Institute of Technology, 1923-26; Michigan State
College, 1926-29. (1930-)
- CHIANG LIU ... Lecturer in Sociology
B. A. Cornell College, 1920; M. A. State University of Iowa,
1921; Ph. D. 1923. (1932-)
- TSUNG I LU ... Graduate Assistant in Music
B. A. Fukien Christian University, 1931. (1933-)

- FRANCIS CRAWFORD MARTIN ... Associate Professor of Physics
B. Mech. Eng. Melbourne University, 1916; B. Sc. Hons.
(Eng.) London University, 1918; California Institute of
Technology, 1927-28. (1921-)
- AGNES KELLY SCOTT... .. Director of Music
B. S. Earlham College, 1913; Teachers' College, Columbia
University, 1931. (1918-)
- RODERICK SCOTT Professor of Philosophy
B. A. Haverford College, 1906; M. A. 1907; M. A. Harvard
University, 1908; Union Theological Seminary, 1923 and
1931. (1917-)
- EVERETT MCKINLEY STOWE ... Associate Professor of Education
B. A. Ohio University, 1919; M. A. Teachers' College,
Columbia University, 1928; S. T. B. Boston University,
School of Theology, 1923. (1928-)
- WILLARD JAMES SUTTON Professor of Chemistry
B. S. Alfred University, 1917; Ph. D. University of Pittsburg,
1924; University of Pittsburg, 1929-30. (1924-)
- WEN SAI TAI... .. Graduate Assistant in Mathematics
B. A. Fukien Christian University, 1933. (1933-)
- CHIH SIN WANG ... Associate Professor of Chinese Literature
Kung Sheng, (Tsing Dynasty) (1928-)
- TIAO HSIN WANG Assistant Professor of Chemistry
B. A. Fukien Christian University, 1921; M. S. Cornell
University, 1929. (1928-)
- CHIH NUNG YANG... .. Lecturer in Botany
Tsing Hua University, 1923; B. A. University of Wisconsin,
1926; M. A. 1927; M. S. 1928. (1933-)
- MARIE CHANG FANG YU Lecturer in Education
B. A. Ginling College, 1921; M. A. Hartford Theological
Seminary, 1930; Yale University, 1930-31. (1932-)

OFFICERS OF ADMINISTRATION

Mr. Ching Jung Lin	<i>President</i>
Bishop John Gowdy	<i>Honorary President</i>
Mr. Theodore H. E. Ch'en	<i>Dean</i>
Miss Marie C. F. Yu.	<i>Dean of Women</i>
Mr. E. M. Stowe	<i>Personnel Officer</i>
Mr. R. W. McClure	<i>Treasurer</i>
Miss Eva M. Asher	<i>Assistant Treasurer</i>
Mr. Ming Sheng Yang	<i>Business Manager</i>

Library Staff

Mrs. F. C. Martin	<i>Librarian</i>
Mr. Yun Min Chin, '28	<i>Associate Librarian</i>
Mr. Chi Ting Lin, '32	<i>Assistant Librarian</i>

Medical Staff

Dr. Henry H. Y. Li	<i>College Physician</i>
Dr. Hui Ching Yen Lin	<i>Associate Physician</i>
Dr. Ellen H. Sutton	<i>Associate Physician</i>

Office Staff

Mr. Hsin Pao Yang, '27	<i>Secretary</i>
Mr. Ch'eng Chou Tsao, '22	<i>Assistant Secretary</i>
Mr. Hsueh Hsi Li	<i>Accountant</i>
Mr. Sung Ching Cheng	<i>Assistant Registrar</i>
Mr. Tsung Han Huang	<i>Clerk</i>
Mr. Yuan Kao	<i>Clerk</i>

Standing Committees of the Faculty

- The Committee on Academic Relations
- The Committee on Commencement
- The Committee on Publications
- The Committee on Religious Activities
- The Committee on Student Relations

(P)

PROVISIONAL CHARTER

Granted by

The University of the State of New York

This instrument witnesseth that the Regents of the University of the State of New York have granted this provisional charter incorporating Charles W. Congdon, Howard C. Robbins, William W. Carman, William I. Chamberlain, William E. Strong, Samuel Thorne, Jr., John F. Goucher, William H. S. Demarest, John W. Wood, Frank Mason North and William Bancroft Hill and their associates and successors, under the corporate name of Fukien Christian University, to be located at Foochow, in the Province of Fukien, in China, with twelve trustees or more, as hereinafter provided, to be at first the eleven persons named as incorporators, and one other to be chosen by them to complete their board, to hold, the first four through the year 1918, the second four through the year 1919, and the last four through the year 1920, and their successors to hold for terms of three years, to be chosen, four each year, one by the American Board of Commissioners for Foreign Missions, one by the Church Missionary Society for Africa and the East, one by the Board of Foreign Missions of the Methodist Episcopal Church, and one by the Board of Foreign Missions of the Reformed Church in America.

In furtherance of its intended aiding of youth in China to acquire literary, scientific and professional education, the university may establish and maintain elementary, secondary and higher departments; but it shall not have power to confer degrees except such as shall be authorized by the absolute charter by which this provisional one will be replaced, if within five years the corporation shall acquire resources and equipment, of the value of at least five hundred thousand dollars (\$500,000), available for its use and support and sufficient and suitable for its charter purposes; in the judgment of the Regents of the University of this State, and be maintaining an institution of usefulness and character satisfactory to them; and, until the granting of the absolute charter, suitable degrees of the University of the State of New York will be conferred upon the graduates of the university hereby incorporated, who, in the judgment of the Regents, shall duly earn the same.

(4)

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

Granted June 6, 1918, by the Regents of the University of the State of New York, executed under their seal and recorded in their office. Number 2767.

PLINY T. SEXTON
Chancellor

THOS. E. FINEGAN
Acting President of the University

HISTORICAL SKETCH

Fukien Christian University was established in the year 1915, when the six Protestant missions (later reduced to four) at work in the province of Fukien, under the leadership of Dr. John Goucher, chairman of the Committee on Higher Education of the Edinburgh Missionary Conference of 1910, and Bishop James Bashford, of the Methodist Episcopal Church, sent representatives to Foochow to draw up a formal agreement looking toward the organization of a union Christian college of liberal arts for men. Mr. Edwin Chester Jones was made the first president. The purpose as stated by these founders was "to provide higher education for youth in China under such influences as will develop Christian character and leadership to meet the deeper needs of society". Fukien Union University is the Chinese name of the institution. (福建協和大學)

The first classes, comprising 81 students, mostly freshmen and sophomores, convened in February, 1916, in a large rented building in Foochow. The students were drawn from the upper two classes of the Anglo-Chinese College, Foochow College and Trinity College in Foochow and the Anglo-Chinese College and Talmage College in Amoy, these schools being then ranked as junior colleges. There was little science equipment; most of the laboratories were borrowed; the library consisted of books loaned by members of the faculty. Notwithstanding, such was the devotion of these early teachers and students to the business of making a college that a provisional charter to confer degrees was granted in 1918 by the University of the State of New York, U. S. A., and in the same year, the China Medical Board of the Rockefeller Foundation inaugurated a series of appropriations for teaching and research in the natural sciences. These have been chiefly responsible for the fine science equipment now in use as well as for the reputation of the institution in the field of general and premedical science.

In 1922 the University was moved to a permanent site bordering on the Min River. Here fifty acres of hillside and plain, with water in the forefront and mountains as a background, form a quite unique campus. Soon after moving, an extensive program of building was carried forward. In 1923 Dr. John Gowdy was elected president.

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In 1927 the University was completely reorganized under a Chinese administration, Mr. Ching Jung Lin, of the class of 1920, being elected president. In 1929 grants were obtained from the Harvard-Yenching Fund which enabled the Arts work to expand materially. In 1931, registration with the Government authorities was completed. Graduates now receive two diplomas, one bearing the seal of the Chinese government, the other that of the Regents of the University of New York. In 1932 women students were first admitted.

Plant

The plant includes:

The Edwin C. Jones Memorial Science Hall, erected in 1925 in honor of their brother, the first president, by Mr. and Mrs. Robert T. Jones, of Hartford, Conn. This contains classrooms, laboratories and museums for the natural sciences.

The Gardiner Hall, Jr., Memorial Arts Hall, erected in 1924 as a dormitory, but rebuilt, after being destroyed by fire in 1928, as an Arts Hall, for class-rooms, offices, book-store, library and chapel. The chapel and library furniture was installed in 1931 as a memorial to Mrs. Elizabeth Holmes North, of Chicago.

Three men's dormitories and the women's dormitory.

Thirteen faculty residences.

Athletic fields, the water system, a gas-plant for laboratory use, etc.

Location

The campus of Fukien Christian University is located on the north bank of the Min River, four miles below the city of Foochow, and the same distance from Pagoda Anchorage, where ocean vessels, after proceeding 25 miles up the river, discharge passengers for Foochow. Foochow is the capital of the province of Fukien, and is approximately 500 miles south of Shanghai. In the mountains a few miles north of the campus is the well-known Buddhist Monastery of Kushan, the largest between Singapore and the Yangtze-river valley.

Communication between the campus and the city is by means of launch and motor-car.

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EDUCATIONAL POLICIES

A College of Liberal Arts

Fukien Christian University is designed to be an undergraduate college of liberal arts. According to Chinese convention, however, the departments are distributed into three "schools," Arts, Science and Education. The institution began with Arts and Science; the School of Education was established in 1931, when Government registration was secured, and is still in process of development.

Education as Character Development

From the beginning Fukien Christian University has proceeded on the conviction that the Christian spirit is the basis of sound education everywhere. While there is no substitute for thorough intellectual mastery of the tools of thought and the sources of knowledge of the modern world, it has been clearly recognized that education conceived apart from the values of life is incomplete. The program of the institution has therefore given a prominent place to the agencies designed to promote understanding of the ends of living, and the realization of these in personal and social experience.

The agencies that have been utilized have been those in common use. Chapel is held four times weekly, with both faculty members and students taking the leadership of these services, which are designed to be of a distinctly religious character. A vesper service for faculty and students is held on Sunday afternoons. The Student Christian Association is a vigorous organization, and there is a close relation between its program and that of the University. For the latter a Religious Activities Committee of the faculty is responsible. The Student Christian Association furnishes a large share of the leadership of the Fukien Student Christian Union.

It has, however, become clear to those engaged in Christian education in China at the present time that the task demands resources greater than those of the past: nothing less than the insight that the only adequate philosophy of liberal education is the philosophy of the Christian religion; nothing less than the conception of the total purpose of the educational process as the development of character and personality. In this development

the acquisition of sound knowledge plays an important part. But there are other aspects of life equally important to a complete education, such as the attitudes, motives, purposes, and other dynamic factors of living, which affect human welfare in the most vital way. The faculty of Fukien Christian University has taken this enlarged view of their task very seriously and is seeking to implement this ideal of education in practical ways. Examples are: greater care in the selection of students, closer attention to individual needs, especially with reference to the freshman class, records of the student's non-academic interests, unceasing attention to the integration of the various elements of the curriculum and the campus, so that there shall be no contradictions in office, class-room, laboratory, library, athletic field or dormitory to the ideals agreed upon.

While many students of the present generation are little concerned with questions of dogma or theology, there are few who are not deeply interested in the meaning of life, or who do not welcome light on that question. In the nation at large criticism is turning inward and becoming constructive; there is less tendency to blame conditions and more purpose to make adequate preparation for the tasks that fall on educated men and women in a changing civilization. The faculty of Fukien Christian University recognize that the method of teaching as well as the content of courses are closely related to this search for significance and purpose and right preparation for life.

Co-Education

In accordance with Chinese public sentiment that higher education should be available to both young men and women without the cost to society of duplicate institutions, Fukien Christian University adopted co-education in 1932. The sexes unite in class-room, laboratory and library and in membership and leadership of the student clubs and organizations, but there are separate dormitory councils and athletic fields. Disciplinary problems among the women students are in charge of a Dean of Women; among the men, in the hands of the Dean of the College.

Rural Extension

That rural reconstruction is one of the most urgent needs of China few will question. The surveys made by Dr. Kenyon L. Butterfield and the Laymen's Missionary Inquiry make plain

how wide and varied must be the program of effective reconstruction. But in relation to the prosecution of extensive programs, rural reconstruction is not different for China from scientific education. Experts are not to be depended on solely for such tasks; there must also be scientific-mindedness and rural-mindedness on the part of all the leaders of the community. This indicates the opportunity and responsibility of the liberal arts college in rural civilization. The occasional efforts which Fukien Christian University has made toward rural extension are about to be welded into a unified plan: in the faculty, a director of rural extension, to act as advisor to students who wish to train for rural and high school leadership, to carry on research and experimentation work, and to mobilize existing agencies for aid in rural centers; in the curriculum, courses in rural economics, rural surveys, and co-operative living; on the campus, and in connection with the Biology department, agricultural experimentation; for the institution as a whole, co-operation with the Fukien Council on Rural Service recently established to promote the enterprise of rural extension in the province.

Research in Fukien Culture

"He who knows not the past cannot understand the future." Thoughtful Chinese scholars have long realized that the enrichment of the new present depends quite as much on drawing inspiration from the springs of the past as in adopting western ideas and methods of living, however superior. In accordance with this principle Fukien Christian University has assumed responsibility for scientific research in the culture of Fukien province and for enlisting the co-operation of students wherever possible in this valuable form of scholarship. Grants from the Harvard-Yenching Fund have stimulated this interest until it occupies a large share of the Department of Chinese Language and Literature. The Fukien Culture Society has over 100 members and publishes a monthly devoted to its work, which is in wide demand all over the country. Plans are on foot for a research library and an ethnographical museum, as well as for a visit to Yuki, in the northern part of the province, the birthplace of Chu Hsi, the philosopher-statesman of the Sung Dynasty, and the reformer of Confucianism.

GENERAL INFORMATION

The Library

The University Library contains at the present time 21,000 titles in Chinese and over 12,000 in English, with 200 bound Chinese magazines and 1100 English. The English books are classified under the Dewey decimal system, and the Chinese books according to a system evolved from the Dewey system and modified to meet Chinese requirements by Mr. Chin Yun Min, '28, Associate Librarian, in collaboration with a committee of the Faculty. The index files show also subject classification cards for 10,000 important articles from Chinese magazines.

200 Chinese periodicals are taken and 78 English. The students and faculty draw out an average of 1700 books and magazines a month, two-thirds Chinese and one-third English. The reading room has accommodation for 110 students. The Library is open from 8 a. m. to 4:30 p. m. daily except Sunday and Saturday; and 7 to 10:00 p. m. daily; on Saturday, from 8 to 12:00 noon.

The Ch'en Tai Fu Memorial Library

By the generous gift of a special collection of Chinese books from the Hon. Ch'en Pao Chen, formerly tutor to the last emperor of the Ts'ing Dynasty, the Library has been enriched by the addition of 30,000 volumes relating to Chinese classics, history, philosophy, literature and collectanea. Most of the books are rare early editions, some of them also with valuable autographs.

The Ch'en Memorial Library will afford to students and investigators opportunity for detailed research. It is open only to advanced students and books may be drawn only by permission of the Librarian.

The Museums

The Biological Museum

The biology department has a fairly large collection of zoological and botanical specimens, nearly all of which are Fukien forms. The zoological collection includes an extensive series of birds, frogs and insects together with numerous jars of vertebrate and invertebrate specimens illustrating the various groups of

animals. A considerable amount of the material has been placed on exhibition in the general laboratory room and has been systematically arranged with special reference to its use in regular class work. The hallway of the biology floor has been utilized for classified ornithological exhibits. The local avifauna is quite fully represented and offers special opportunity for bird students.

The herbarium contains most of the local flora, which is rich and varied. The greater number of the specimens have been identified and have been made available for use in instruction as well as public exhibition. The botanical collection also includes a number of wood samples and agricultural seeds.

The Malcolm F. Farley Loan Collection of Chinese Art

The University is fortunate in being one of the few small colleges in China to have available a museum of Chinese art and archeology. This is the private collection of Professor Malcolm F. Farley, which has been loaned to the institution and is housed in a room in the Gardiner Hall Arts Hall. The exhibits are carefully classified and labelled. The purpose of the collection is to make available to students, members of the community and visitors the great heritage of China's art as well as to serve the needs of teaching and to provide a laboratory for courses in Chinese Art and in research in Fukien history and culture.

The collection contains a representative selection of objects illustrating the history of Chinese Art in its various media from Pre-Han times down to the present day. These embrace the following fields:

Paintings, numismatics, porcelain, bronzes, sculpture and carving, jade, embroideries, and other textiles, together with objects representing the arts of Japan, the mountain tribes of the Philippine Islands, European and American prehistoric art and European art including the art of Greece and Rome.

Student Organizations

The Student Christian Association

The Student Christian Association combines the religious activities of the men and women students. Its program includes religious work, student discussion groups, which are led by members of the faculty, social welfare, a night school for the campus workmen, recreation, conferences and publication work.

The Student Self-Government Association

The Student Self-Government Association exists for the purpose of promoting student activities and building up college spirit. Its offices provide also an invaluable field for training in character and in the control and government of small communities. The several departments embrace the following interests: health, athletics, publications, research, social life, business, secretariat, finance. There are councils in the several dormitories and a dining-room committee. Through the Association the students co-operate with the other schools in Foochow in occasional political movements. The Association collaborates also with the Faculty Committee on Student Relations.

Departmental Clubs

An important feature of student life consists of the departmental clubs, organized by student initiative, and conducted under student management, but closely related to the various departments of study. These clubs must be approved by the faculty. The following have received approval, the membership varying from 25 to 100: the Fukien Culture Society, the Education Club, the Chinese Literary Society, the Piano Club, the Natural History Society, the Social Science, Chemistry and Physics-Mathematics Clubs. Many issue their own publications and the first two named have arrangements with Foochow newspapers for weekly space.

Other Clubs

Other clubs are the Glee Club, which is also a credit course in the department of Music, the Dramatic Club, the Rural Service Club and the Chinese Boxing Club.

General Auxiliary Agencies

Convocation

A convocation of the University is held weekly on Wednesday. Attendance is required. The customary Sun Yat Sen Memorial service is held on Mondays and furnishes the basis of lectures on public questions by members of the faculty or visiting speakers. Attendance is required.

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Medical Treatment

The University physician visits the institution twice weekly. All students have the privilege of consulting him at the time of these visits or during his office hours in Foochow. A student may be recommended, when it becomes necessary, to the Christian Union Hospital of Foochow; in such a case he is expected to pay his own hospital fees.

A dispensary for minor cases among students and other persons connected with the University is maintained, and is open four days of the week.

The University physician gives an annual physical examination to the students.

Student Aid

Scholarships and Aidships

Aidships are made available to students in financial need according to these criteria: (1) The applicant's financial need; (2) scholarship; (3) social intelligence and ability; (4) health; (5) his desire to identify himself with the central purposes of the University.

Application for such aid must be made before the beginning of each semester. As a rule aidships are not granted to first-term freshmen except in the most exceptional cases.

A scholarship is given annually to the sophomore who made the highest scholastic record during his freshman year.

With the academic year of 1933 there was begun a plan of tuition-scholarships. Three scholarships are offered to the best entering freshmen, 1933; 3 to the best sophomores, based on their freshmen record, 1934; 3 to the best juniors, based on their sophomore record, 1935; 3 to the best seniors, based on their junior record, 1936, on this basis:

Financial need.....	10%
Character	30
Scholarship	30
Entrance Examinations	30
	100%

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Health is also a factor to be considered. Scholarships are not to be offered unless fully qualified students are available.

The following special scholarship funds are available:

The Robert W. Jones Scholarship Fund founded by Roy H. Jones in memory of his father, the income to be used toward the tuition of a needy and worthy student.

The Edwin C. Jones Scholarship Fund (formerly known as the Wilbraham Academy Scholarships) to be used in aiding needy students of excellent character, good scholarship and sound body.

The Methodist Jubilee Scholarship Fund.

Scholarship Fund for Women Students.

The Helen Louise Osborne Scholarship. A bequest of the late Mrs. Jeannie H. Jennings Osborne, of Southport, Connecticut, named in memory of her daughter.

The L. M. Crabtree Scholarship.

The Oziel W. Graff Scholarship.

ACADEMIC REGULATIONS

I. Requirements for Admission

A. Admission to the Freshman Class

Formal Application Required of all Students

All applicants for admission to Fukien Christian University must comply with the following regulations:—

(1) They must obtain the regular Application Forms and send the same, properly filled out, to the Dean of the University before the date set for entrance examinations.

(2) Four documents must be filled out:—

1. Application Form, by the applicant, giving age, academic history, family, interests, plans, etc.
2. Application Form, by the principal of the middle school which they last attended, giving recommendations of character and scholarship and grades of major middle school subjects.
3. Personal rating scale, by the principal or a teacher; different traits evaluated.
4. The middle school diploma must also be presented.

Entrance Examinations

For purposes of examination for entrance, applicants whose Application Forms have been accepted by the Dean are divided into two groups:

- I. Graduates of Accredited Middle Schools.
- II. Graduates of Non-Accredited Middle Schools.

Entrance Examinations for Graduates of Accredited Schools

Graduates of Accredited Middle Schools must pass Entrance Examinations as follows:

1. Chinese Literature.
2. Chinese Composition.
3. Party Principles.

4. English.
 - a. Oral English.
 - b. English Composition.
 - c. English Reading Test.
5. An Intelligence Test.

Entrance Examinations for Graduates of Non-Accredited Schools.

Graduates of Non-Accredited Middle Schools must pass Entrance Examinations as follows:

1. Chinese Literature.
2. Chinese Composition.
3. Party Principles.
4. English.
 - a. Oral English.
 - b. English Composition.
 - c. English Reading Test.
5. An Intelligence Test.
6. Mathematics.
 - a. Algebra, through Quadratic Equations.
 - b. Plane Geometry.
7. Social Science.
 - a. General History.
 - b. World Geography.
 - c. Elementary Social Science.

8 and 9. Science. Two examinations selected from the following three subjects:

1. General Science.
2. Chemistry.
3. Physics.

Place of Examinations

Entrance Examinations are held at the University both at the end of the Spring Semester and at the beginning of the Fall Semester. For particulars, consult the Dean. Arrangements have also been made to hold Entrance Examinations in Kulangsu (Amoy), Changchow, Chuangchow and Hinghwa. For examinations in other centers, the principal of the Middle School should consult the Dean of the University.

New students are received only once a year, namely, in the Fall Semester.

Accredited Schools

Criteria of an Accredited School

A Middle School will be accredited for the admission of its graduates to Fukien Christian University as above when it formally applies for the same, and when it satisfies the Faculty of Fukien Christian University, (a) that its curriculum is closely approximated to the standards of the Government Educational Bureau for the Junior and Senior Middle School, with the addition of six years' intensive work in English, with conversational use of the same; (b) that its curriculum includes two laboratory sciences, and (c) that the achievement of its students in the upper two-thirds of their class in scholarship in English, Chinese, Mathematics, Chemistry and Physics, is of a quality to permit them to pursue the work in Fukien Christian University with success.

A list of the Middle Schools accredited by Fukien Christian University can be had on application to the Dean.

B. Transfer from Other Colleges

Students transferred from other Colleges must make application in the same way as other applicants. The Entrance Examination for Accredited Schools is given to such applicants and advanced standing is decided upon the merits of each individual case. A full transcript of record from the original college must be presented.

C. Part Time Students

A limited number of part time students may be admitted, on the approval of the Dean.

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ACADEMIC REGULATIONS

II. Fees

All fees are to be paid at the opening of each semester, on Registration Day.

Regular Fees

1. Tuition Fee	\$40.00
2. Dormitory Fee.....	8.00
a. Key deposit for same.....	1.00
3. Electric Light Fee	6.00
4. Medical Fee.....	1.00
5. Athletics Fee	1.25
6. Student Self-Government Association Fee	2.75
Total	\$60.00

Additional Fees

1. Laboratory Fees	
(1) For materials in each laboratory course in each semester	\$ 3.00—6.00
(2) Breakage deposit in each laboratory course in each semester (the unexpended balance will be refunded at the end of each semester)	3.00—5.00
2. Fee for Chinese Syllabus; for each course	1.00 or .50
3. Fee for Piano work, each semester.....	5.00
4. Diploma Fee, for Seniors	12.00
5. Uniform	7.00
6. Matriculation (new students)	10.00
7. For late Registration or late payment of fees	2.00
8. Board, approximately.....	32.00

Tuition and other College fees are not returned to any student who leaves the University after paying the same.

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A Student's Expenses

The total expenses of a student vary from \$240 per year to \$400 per year. These expenses include:

	Low	Medium	High
1. Regular Fees	\$120	\$120	\$120
2. Additional Fees	8	25	56
3. Books, Stationery	18	30	60
4. Board	64	64	64
5. Personal Expenses	30	61	100
	<u>\$240</u>	<u>\$300</u>	<u>\$400</u>

ACADEMIC REGULATIONS

III. Requirements for Graduation

The Degree

The degree of Bachelor of Arts (B. A.) is given by the Regents of the University of the State of New York upon recommendation from the Trustees of Fukien Christian University.

Candidates for the degree who have completed the Requirements for Graduation are recommended by the Faculty to the Board of Trustees.

Upon graduation, the name of the student and a full transcript of his academic record are reported to the Ministry of Education at Nanking, whose seal on the Diploma indicates official approval and an official status in the country.

1. Credit Hours and Credit Points

The candidate for the degree must have completed 132 credit hours and secured 88 credit points.

A credit hour represents three hours of work, i. e., recitation, lecture or laboratory, and the preparation necessary for the same.

A credit point is given for every credit hour of work in which a grade of 3 or higher has been obtained. Thus, for two hours at a grade of 2, six hours at a grade of 3, and eight hours at a grade of 4, a student would be given 8 credit points.

The grades used in Fukien Christian University are 1, 2, 3, 4 and 5. The grade of 1 is reserved for students who go beyond the requirements in preparation for their work, who do additional reading or creative work in their subjects. The grade of 2 is given students who faithfully do the required work. The grade of 3, represents average work. The grade of 4, passing. The grade of 5, failure.

The standard requirement per semester in credit hours is 17 for freshmen and sophomores, 16 for juniors and seniors.

In addition, two years of military training (three periods per week) is required of all students, in conformity with the requirements of the Ministry of Education.

2. The Course of Study

The candidate for the degree must select his studies according to the following plan.

The subject matter of undergraduate study has been divided into eight groups of courses. Four of these groups are regarded as fundamental to a liberal education and a year's work in each of these groups is therefore required. Subjects in addition to these fundamentals are elective.

The Four Required Groups

1. Chinese Language and Literature.
2. Education and Psychology.
3. The Social Sciences. (Economics, History, Political Science, Sociology)
4. The Natural Sciences. (Biology, Chemistry, Physics)

Elective Groups

1. Western Languages and Literature. (English, French)
2. Philosophy. (Philosophy, Religion)
3. Mathematics.
4. The Five Arts.

Required Distribution

i. Orientation Courses

Three orientation courses are required of all students.

1. Political Science 101. The Writings of Sun Yat Sen. 2 credits.
2. Education 161. Educational Adjustment. 3 credits.
3. Philosophy 102. Introduction to Civilization. 3 credits.

ii. Foundation Courses (first year courses)

One year's continuous work in one subject belonging to each of the four Required Groups.

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iii. Concentration Courses (second year courses)

Two years of continuous work in any three groups (both required and elective).

iv. The Major Subject

A student must select a Major Subject from the studies chosen for the three Concentration Courses, and complete two more years' work in the same. The Major Subject shall include 36 credit hours, except in the case of combined majors, when each shall include 25 credit hours.

v. Senior Thesis

A thesis written in connection with the Major Subject is required of all seniors. The topic should be chosen at the beginning of the Senior year. Final approval of the manuscript by the Major professor should be obtained one month in advance of the date of Commencement, and the thesis in its final form formally submitted one week before final examinations. Failure to obtain approval or to submit the thesis at the designated time will result in postponing the student's graduation.

A Typical First-Year Registration

The following diagram represents a typical first-year registration.

<i>Freshman Year</i>		<i>Credit Hours</i>	
		<i>Fall</i>	<i>Spring</i>
<i>Orientation Courses</i>			
(a) Education 161		}	3
Educational Adjustment			
(b) Philosophy 102			
Introduction to Civilization			
(c) Political Science 101			
Writings of Sun Yat Sen	2		
<i>Groups</i>			
1. Chinese	Chinese 101, 102	3	3
	Chinese 103, 104	1	1
4. Science	Physics 101, 102	5	5
8. Electives		3	5
		17	17

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3. The Residence Requirement

The candidate for the degree must have been in residence at Fukien Christian University at least two years immediately preceding candidacy.

4. Character and Fitness

In addition to the above requirements, all candidates for graduation must be approved by the Faculty as to their character, and other fitness to receive a degree.

5. Graduate Standing Abroad

Students going to American colleges from Fukien Christian University have been ranked in every case as classified by the latter. Such institutions as Oberlin College, the University of Southern California, Columbia University, Harvard University, etc., have taken the diploma of Fukien Christian University as admitting students to graduate courses.

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ACADEMIC REGULATIONS

IV. Special Courses of Study

The Premedical Course

Experience has shown that the ideal preparation for a medical career is a four-year college course before entering medical school. The doctor in China must not only meet important medical problems, but he must also expect to take a prominent part in the leadership of the community where he lives. Other courses besides the science preparation for medical school are therefore valuable. The four-year Premedical Course is therefore recommended to all students, but a three-year course is also available, for students whose financial limitations seem to make the condensed course advisable. Experience shows, however, that only exceptional students can succeed in passing the entrance examination to the medical schools with no more preparation than the three-year course.

The minimum science and language requirements for the Premedical Course are as follows:—

- | | |
|------------|--|
| Chinese. | 12 credit hours. At least half should be in composition, the balance may consist of literature and history. |
| English. | 12 credit hours. At least half should be in composition. |
| Biology. | 20 credit hours.
Biology 101-102, General Biology, 10 credit hours;
Biology 211-212, Invertebrate and Vertebrate Zoology, 10 credit hours. Courses in Embryology and Genetics are strongly recommended. |
| Chemistry. | 30 credit hours.
Chemistry 111-112, General Inorganic and Elementary Qualitative Analysis, 10 credit hours.
Chemistry 231-232, Elementary Physical Chemistry and Elementary Quantitative Analysis, 10 credit hours.
Chemistry 241-242, Elementary Organic Chemistry, 10 credit hours. Advanced Physical Chemistry is recommended. |

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Mathematics. 6 credit hours.
 Mathematics 101, College Algebra and Trigonometry, 3 credit hours.
 Mathematics 102, Analytic Geometry, 3 credit hours. A course in Calculus is strongly recommended.

Physics. 16 credit hours.
 Physics 121-122, College Physics, 10 credit hours.
 Physics 223-224, Second-Year Physics, 6 credit hours.

The above minimum requirements total 96 credits. Exceptional students are given permission to add one or two hours to the standard registration. In the three-year course, there is room, therefore, for six to eight hours of elective studies. Those students who can offer the electives recommended above, will be given preference when applying for entrance into medical schools. In addition to the above electives General Experimental Psychology (Education 121) is also recommended.

Three-Year Premedical Course

First Year			
Fall Term		Spring Term	
Biology 101	5	Biology 102	5
Chemistry 111	5	Chemistry 112	5
Mathematics 101	3	Mathematics 102	3
Chinese 101	3	Chinese 102	3
English 109	1	English 110	1
Total credit hours	17	Total credit hours	17

Second Year			
Physics 121	5	Physics 122	5
Chemistry 231	5	Chemistry 232	5
Chinese 103	1	Chinese 104	1
English 101	2	English 102	2
English 209	1	English 210	1
Elective	3	Elective	3
Total credit hours	17	Total credit hours	17

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Third Year

Chemistry 241	5	Chemistry 242	5
Biology 211	5	Biology 212	5
Physics 223	3	Physics 224	3
English 201	2	English 202	2
Chinese Elective	2	Chinese Elective	2
Total credit hours	17	Total credit hours	17

A student who decides to change from the three-year to the four-year course may do so by taking the following courses:— Political Science 101, 2 credits; Philosophy 102, 3 credits; a Senior Problem, 1 or more credits; and 6 credit hours from each of the Psychology-Education and the Social Science Groups. Such students are not required take Education 161.

Four-Year Premedical Course

First Year			
Fall Term		Spring Term	
Biology 101	5	Biology 102	5
Chemistry 111	5	Chemistry 112	5
Chinese 101	3	Chinese 102	3
English 109	1	English 110	1
Educational 161	3	Philosophy 102	3
Total credit hours	17	Total credit hours	17

Second Year			
Physics 121	5	Physics 122	5
Chemistry 231	5	Chemistry 232	5
Mathematics 101	3	Mathematics 102	3
English 101	2	English 102	2
Political Science 101	2	Elective	2
Total credit hours	17	Total credit hours	17

Third Year			
Chemistry 241	5	Chemistry 242	5
Biology 211	5	Biology 212	5
Chinese 103	1	Chinese 104	1
English 201, 209	3	English 202, 210	3
Education 121	3	Education Group	3
	17		17
Total credit hours	17	Total credit hours	17
Fourth Year			
Physics 223	3	Physics 234	3
Social Science Group	3	Social Science Group	3
Chinese Elective	2	Chinese Elective	2
Senior Problem	1 or 2	Senior Problem	1 or 2
Elective	7 or 6	Elective	7 or 6
	16		16
Total credit hours	16	Total credit hours	16

Teacher Training Courses

With the majority of the graduates taking up teaching work in schools, the problem of teacher training is of special importance. Efforts along this line have resulted in the following special arrangements:—

1. The department of Education co-operates with other departments in the training of teachers for secondary schools. In order to provide for sound scholarship in a "content subject" as well as knowledge of educational principles and methods, students are encouraged to take combined majors in education and other subjects. In such a combination the student takes about 25 credits of work in the department of education and approximately the same amount of work in the department of his "content subject".
2. For students of other departments definitely planning to teach after graduation, a special teacher-training course is offered. This course consists of 18 credits of work in Psychology and Educational Psychology, Principles and Methods of the Secondary School, and in fields of special interest. Students who fulfil such a requirement in addition to the requirements of their major departments are entitled upon graduation to a special certificate and a special recommendation for high school teaching.

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3. A special two-year Normal Course is offered for those who have had some experience in educational work and desire professional study in the field of education. Applicants for such a course must take the regular entrance examinations, and are given, upon completion of the two-year course, a certificate of normal training.

The Two-Year Chinese Course

For teachers of the Chinese Language and Literature who desire special study, and others particularly interested in the study of Chinese, the Chinese department offers a two-year course specializing in the study of Chinese Language and Literature. The requirements for entrance are the same as those for the regular Freshmen. Students are given a certificate upon completion of the course.

COURSES OF INSTRUCTION

Key to Numbers

In general courses for Freshmen are numbered from 101-199; for Sophomores, from 201-299. Courses within 300 and 400 are advanced courses open only to Juniors and Seniors.

Courses with odd numbers are offered in the fall semester; courses with even numbers are offered in the spring semester.

Independent courses are listed separately, thus:

Education 245 School Hygiene *Credits 3*

Where courses are successive, but are given independent semester credit, they are listed thus:

Philosophy 301-302 Problems of Philosophy *Credits 3-3*

Permission to enter the second semester of such courses for a student who has not had the first semester must be secured from the instructor.

A year's continuous course, for which credit is given only on completion of the second semester's work, is marked thus:

Biology 101-102 General Biology *Credits 10*

Elective courses for juniors and seniors are often arranged so as to be given in a two-year cycle; fundamental courses are given annually. Courses appropriate to more than one line of study may be listed simultaneously in several departments. In some cases courses have been listed beyond the present capacity of the staff to offer; students selecting such courses for major study must make up combined majors.

Reading courses are offered in the several departments but are not listed; 491-492 is the proper number. Reading courses may be elected under the following limitations: (i) only by juniors and seniors; (ii) only when the general average of the previous semester is 2; (iii) only in major or related subjects; (iv) to be accompanied by frequent conferences; (v) to be completed by writing a term paper and passing a final examination.

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NOTE: The method of numbering by hundreds has been adopted in an effort to analyze the subject-matter of the departments in a scientific manner and to indicate, wherever practicable, the lines of succession and progress within a given study.

Thus in Chemistry the subject divisions are: 11-19, inorganic; 21-29, qualitative analysis; 31-39, quantitative analysis; 41-49, organic; 51-59, physical; 61-69, sanitary; 71-79, food; 81-89, industrial; 91-99, miscellaneous.

In Philosophy the decimal divisions are: 1-9, introductions, thus, 102, Freshman Orientation; 201, Logic; 301, Philosophic Problems; 401, Types of Philosophy; 11-19, history; 21-29, ethics; 31-39, religion, e. g. 231, Comparative Religion, 331, Philosophy of Religion; 51-59, Chinese Philosophy; 61-69, separate philosophers.

Departmental Groupings

Arts:—	Science:—	Education:—
Chinese Language and Literature	Biology	Principles and Philosophy of Education
Economics	Chemistry	Psychology and Educational Psychology
Fine Arts	Physics	Educational Administration
History	Mathematics	Educational Methods
Philosophy		
Political Science		
Sociology		
Western Languages and Literature		

Supplementary Index

For Agriculture	see	Biology
Bible		Philosophy
Botany		Biology
Comparative Literature		Western Languages
English		Western Languages
Ethics		Philosophy
French		Western Languages
Logic		Philosophy
Music		Fine Arts
Psychology		Education
Religion		Philosophy
Religious Education		Education and Philosophy

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ARTS

CHINESE LANGUAGE AND LITERATURE

The Major in Chinese

For a major in Chinese Language and Literature the following courses are required:

	<i>Credits</i>
101-102	6
103-104	2
205-206	6
301-302	4
303-304	6
401	2
403-404	6
	<hr/>
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101-102 Literature *Credits 3-3*

The source, nature and schools of Chinese literature. Old and new methods of study.

Required for Freshmen.

103-104 Composition *Credits 1-1*

A study of the fundamentals of Chinese rhetoric and composition; one theme every two weeks.

Required for Freshmen.

105 Philology *Credits 3*

A study of Chinese phonetics and the structure of the characters; lectures on the six categories of characters.

106 Modern Literature *Credits 3*

The study of tendencies in modern literature. The history and the method of writing *peh hua*.

107-108 Prose Selections *Credits 2-2*

Selections from the literature of the Ming and Tsing dynasties (fall semester); of the Tang and Sung dynasties (spring semester).

131-132 History of China *Credits 3-3*

A general course surveying the political, social and economic development of the Chinese people from the earliest times to the fall of the Tsing dynasty. Identical with History 101-102.

201-202 History of Chinese Literature *Credits 2-2*

A historical study of the nature, causes and effects of Chinese literature.

203-204 Literary Society *Credits 2-2*

The work is divided into two parts. (1) Reading of stories, poems, prose selections and plays (of these four groups, students select one or two); (2) Lectures, discussion, dialogues, and debates, all students participating.

205-206 History of Chinese Civilization *Credits 3-3*

A study of the characteristics of the stages of cultural development in China.

207 Chinese Folk Literature *Credits 3*

A study of folksongs, myths and traditions as a method of approach to the sentiments and culture of the people.

208 Literary Criticism *Credits 3*

The principles of literary criticism and their application to outstanding Chinese and foreign literary works.

209-210 Advanced Prose Selections *Credits 1-1*

Standard selections from the literature of the six dynasties, including Han and Wei (fall semester); of the Chou and Chin (spring semester).

- 211. History of Fukien Literature Credits 1
A study of Fukien literature from the Tang and Sung dynasties to the present time.
- 213. Fukien Folk Literature Credits 1
The collection and study of Fukien folk-songs, myths and traditions.
- 221. Advanced Rhetoric Credits 3
A continuation of 103-104.
- 231. Political History of Modern China Credits 3
The period covered is that from the beginning of China's contact with modern European countries to the latter days of the Tsing dynasty and concluding with the establishment of the National Government at Nanking. Identical with History 201.
- 251-252. History of Chinese Philosophy Credits 3-3
The development of Chinese philosophy is traced through the ancient, medieval and modern periods, with special emphasis on the various schools of thought. Identical with Philosophy 251-252.
- 301. Structure of Chinese Characters Credits 2
A study of the development of the structure of the Chinese characters.
- 302. Phonetics Credits 2
A study of the development of Chinese phonetics.
- 303. Classics Credits 3
A study of the main themes of the thirteen classics, illustrated by selections.
- 304. Chinese Philosophers Credits 3
A study of the contribution of the different schools of philosophy. Selections from the philosophers of the Chou and Chin dynasties. Identical with Philosophy 352.

- 305. Poetry Credits 3
An historical study of the types of poetry, illustrated by representative poems.
- 306. Folk Songs Credits 3
The development of the different types of folk-songs, special attention being given to the folk-songs of the Yuan dynasty.
- 307. Practical Composition Credits 2
Correspondence and forms, note-taking, translation, etc.
- 308. Literary Writers Credits 2
Famous authors: methods of their study; evaluation of their works.
- 309-310. Chinese Art Credits 2-2
The evolution and development of Chinese art. Identical with Fine Arts 313-314.
- 311-312. Fukien Culture Credits 1-1
An examination of the literary products of Fukien writers (fall semester). A philosophic study of Fukien culture (spring semester).
- 331. Bibliography Credits 1
A bibliographical study of Chinese literature, with special attention to the methods of classification in use.
- 353. Chinese Ethical Thought Credits 2
A study of the development of ethical ideas throughout the history of Chinese thought. Identical with Philosophy 353.
- 354. Chinese Religious Thought Credits 2
The course traces the development of the religious thinking of the Chinese from the ancient to the modern period, with special emphasis on Buddhist and Taoist religious ideas. Identical with Philosophy 354.

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401 Chinese Etymology Credits 2

A study of the meaning of Chinese characters and the explanations given them by commentators.

402 Chinese Hieroglyphics Credits 2

A study of the hieroglyphics on shells and bronzes found in the ruins of the Ying dynasty and the inscriptions on ancient bells, tripods, etc.

403 Story-writing Credits 3

A study of the methods of story-writing, selected stories, practice writing.

404 Drama Credits 3

A study of the types of drama; practice in acting.

405 Journalism Credits 2

The presentation of news; newspaper editing and management.

406 The Modern Literary Movement Credits 2

A study of the Chinese Renaissance; comparison with similar movements in the West.

407 Study of Ancient Writings Credits 1

A study of the structure and types of ancient writings, their verification and interpretation.

408 Authorship Credits 1

A study of the requisites of authorship; training in methods of literary composition.

409 Methods of Teaching Chinese Credits 3

Theory of and practice in the teaching of Chinese in secondary schools. Identical with Education 261.

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451-452 Chinese Philosophy—Pre-Tsing Credits 3-3

Fall semester: a survey of the philosophy of Laotze and Chuangtze, as well as of Confucius and Mencius. Spring semester: Mohitze and the other schools of Chinese philosophy preceding the Tsing dynasty. Identical with Philosophy 451-452.

453-454 Chinese Philosophy—Sung, Yang, Ming Credits 3-3

A study of the various schools of thought during this period of Chinese history and their relationship with Buddhist thought, with special emphasis on the methods of self-cultivation recommended by the philosophers of the period. Identical with Philosophy 453-454.

ECONOMICS

The Major in Economics

For a major in Economics the following courses are required:

	Credits
201-202	6
212	3
221	3
331-332	6
382	3
	21

Economics may also be chosen in a combined major with History, Political Science or Sociology.

Prerequisites: Economics 201-202 is prerequisite to all courses following it. Additional prerequisites are as listed.

Texts: The textbooks used are mainly in Chinese, but only the English texts are listed below.

101-102 Commercial and Industrial Geography Credits 3-3

A study of the nature and place of agriculture, the cultivation and use of the principal agricultural products; the fundamentals of manufacture; the textile, leather, rubber, metals, and machine tool industries; also a study of the major trade-routes of the world. Chinese industries and the possibilities of their development are given particular attention.

Text: Smith, Industrial and Commercial Geography.

201-202 Principles of Economics Credits 3-3

The general principles underlying economic activities. The examination of the present system of production, consumption, exchange and distribution.

Text: Ely, Outlines of Economics.

212 Economic History of Europe and the United States Credits 3

The economic development of the United States, England, France, and Germany since the period of the Industrial Revolution.

Text: Ogg, Economic Development of Modern Europe; Clapham, The Economic Development of France and Germany.

221 Public Finance Credits 3

Public revenues, their sources and use, their characteristics and classification.

Text: Lutz, Public Finance.

271 Transportation Credits 3

The history, growth and changes of land, water and air transportation; the principles and problems of transportation with special reference to Chinese conditions.

Text: Chiu, Principles of Transportation; Fenelon, Transportation and Communication.

283-284 Introduction to Accounting Credits 4

The fundamental principles of accounting and the logical development of modern bookkeeping records and their relation to business, illustrated by practical problems.

Text: Bowman and Percy, Fundamentals of Bookkeeping and Business.

301 Rural Economics Credits 3

Fundamental principles of Economics as applied to agricultural problems, such as land policy and tenure, agricultural labor, crop selection and improvement, rural credit, cooperative buying and selling, and tariffs on agricultural products. Also an analysis of the causes of the breakdown of Chinese rural communities.

Text: Carver, Principles of Rural Economics; Buck, Chinese Farm Economy.

302 Rural Survey Credits 3

The methods of rural survey. Collection and classification of data on rural economic conditions as a basis for rural reconstruction.

Prerequisite: Economics 301.

303 Rural Cooperatives Credits 3

The development of credit and other forms of rural cooperatives and their adaptability to Chinese conditions.

Prerequisite: Economics 301.

331 Money Credits 3

The principles governing the means of payment. A brief survey of the monetary systems and experience of the leading nations. About a third of the course is devoted to the study of Chinese monetary problems.

Text: Kinley, Money.

332 Banking Credits 3

The principles of commercial banking; the status of Chinese banking development; the organization of banks; the relationship between federal and reserve banks and commercial banks.

Text: Willis and Edwards, Banking and Business.

382 Economic Statistics Credits 3

The principles of statistical methods as applied to business and economics; averages; tabulations, graphs, schedules, and index numbers. Identical with Mathematics 408.

391 Economic Politics Credits 3

A study of economic planning; tariff and trade policies.

401 The Classical Economists Credits 2

A study of the economic theories of Smith, Ricardo, Mill, and their followers.

402 Recent Economic Theories Credits 2

A comparative study of contemporary economic theories and present day tendencies.

Prerequisite: Economics 401.

446 Economic Problems of Modern China Credits 3

The problems stressed are agricultural, industrial, monetary, and the problems of transportation, population, and the national debt.

FINE ARTS

No major is offered in Fine Arts.

MUSIC**Fees**

A piano-rental fee of \$10.00 per term is charged for Music 101-102.

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101-102 Piano No Credit

Students admitted only on approval of the Director; only a limited number of beginners accepted; students are discouraged usually from registering for Music 101-102 for only one term or one year.

One class period; practice six hours per week.

105 Elementary Sight Singing No Credit

Training in reading the staff, in learning the keys and rhythms, in keeping parts and in ear-training.

Two class periods.

201-202 Chorus Singing (Glee Club) Credits 1

Students admitted only after examination by the Director. The work of the chorus is in four-part chorus singing with special practice in reading parts.

Credits 1 on completion of one year's work; course may be repeated.

301 History and Appreciation of Music Credits 3

A course in the history and appreciation of music from primitive times to the present. The course is illustrated with phonograph records and vocal and piano solos.

Texts: Hamilton, Outlines of the History of Music; Dickinson, History of Music; Surette and Mason, Appreciation of Music.

NOTE: The change from the \$5.00 piano-fee to the \$10.00 fee was made after the List of Fees on page 25 was printed.

ART**311-312 Introduction to Art Appreciation Credits 2-2**

A study of the fundamental principles that underlie the theory and practice of the arts as they have existed through the centuries among different peoples and at different epochs. A brief history of art, together with a study of the relationship of art to archeology and the interrelationship of the arts.

Texts: Neuhaus, The Appreciation of Art; Brown, The Fine Arts; Flaccus, The Spirit and Substance of Art.

(50)

313-314 Chinese Art Credits 2-2

The evolution and development of Chinese art with special emphasis on its relations to the religious, ritual, social and geographical environment. The contribution of Chinese art to Chinese and western civilization. A special effort is made to interest students in the arts and crafts history of Foochow and Fukien. Identical with Chinese 309-310.

Texts: Bushell, Chinese Art; Cohn, Chinese Art; De Morant, History of Chinese Art.

HISTORY**The Major in History**

For a major in History the following courses are required:

	Credits
101-102	6
201	3
221-222	6
301-302	6
Political Science 201-202	6
	27

History may also be chosen in a combined major with Economics, Political Science, Sociology, Western Literature or Philosophy.

The textbooks in use are in Chinese, the reference work largely in English.

101-102 History of China Credits 3-3

A general course, for freshmen and sophomores, surveying the political, social and economic development of the Chinese people from the earliest times to the fall of the Tsing dynasty. Identical with Chinese 131-132.

103-104 Current Events Credits 2-2

A study of important national and international events.

Prerequisite: History 101 or Political Science 101.

201 Political History of Modern China Credits 3

The period covered is that from the beginning of China's contact with modern European countries in the latter days of the Tsing dynasty, and concluding with the establishment of the National Government at Nanking, together with the important achievements of the latter. Identical with Chinese 231.

Prerequisite: History 102.

221-222 History of Europe Credits 3-3

The history of Europe divided as (a) ancient and medieval (fall semester) and (b) modern and contemporary (spring semester). Special emphasis laid on the development of modern national states.

Prerequisite: History 102.

223 History of the United States of America Credits 3

A study of American history from the founding of the thirteen colonies to the period when the United States began to take an active part in Far Eastern politics.

Prerequisite: Six hours' work in History.

301-302 History of the Eastern Nations Credits 3-3

The course is divided into (a) History of the Near East, treating of the Ottoman Empire and its successors, and (b) History of the Middle and Far East, treating of India, Japan, etc., and their relations with China.

Prerequisite: Nine hours' work in History.

401 Methods of Studying History Credits 2

A comparative study of methods advocated by Chinese and western scholars. Identical with Education 363.

Prerequisite: History 302.

402 Methods of Teaching History Credits 2

A survey of modern methods of teaching history, together with observation work in the schools of Foochow.

Prerequisite: History 302.

JAPANESE

201-202 First Year Japanese Credits 6

A first year's course in the Japanese language, having as its objective to obtain a reading knowledge of the subject.

PHILOSOPHY

The Major in Philosophy

The Major in Philosophy consists of

A. The Fundamental Courses:

	Credits
102	3
201	2
211-212	6
251-252	6
301-302	6
	23

B. Elective Courses, which may be chosen along three lines of study:

- a. General Philosophy
- b. Chinese Philosophy
- c. Religion

Philosophy may be also taken in a combined major with any one of the physical sciences; with Education or Psychology; with Western Literature; or with History or Sociology.

102 Introduction to Civilization Credits 3

An orientation course. The student is introduced to the broad outlines of the development of human knowledge. The relations and content of the fields of science, the social sciences, esthetics, ethics, religion and philosophy are considered.

Text: A syllabus is used.

Required of all students.

136 Life and Teachings of Jesus Credits 3

The course seeks to acquaint the student with the facts of the life and teachings of Jesus, with special emphasis on their influence in modern life.

144 Christian Education in Rural Service Credits 2

A course designed for students interested in rural work and service, particularly along the lines of boys' and girls' clubs, Sunday-schools, vacation day-schools, popular education for illiterates, and the like. Identical with Education 174.

201 Logic Credits 2

A logic for living. The principles of right thinking applied within the customary fields of living. Scientific method, philosophic method; the logic of values; and logic applied to discovery, explanation, evaluation, execution and control.

Text: Scott, A Logic for Living.

211-212 History of Western Philosophy Credits 3-3

A survey of western philosophic thought from the Greeks to the middle of the nineteenth century. Fall semester: Greek and medieval philosophy. Spring semester: modern European philosophy.

Texts: A Syllabus; and Cushman, A Beginner's History of Philosophy.

Prerequisite or co-requisite: Philosophy 201.

221 Comparative Life Ideals Credits 2

A comparative study of the conceptions of the ends of life held by the great thinkers of the world.

232 Religions of Mankind Credits 2

A comparative study of the systems of the world's living religions, such as Buddhism, Mohammedanism, Shintoism, Confucianism and Christianity.

235 Teaching Values in the Modern Use of the Bible Credits 2

A consideration of the "persistent problems of life" in the light of the religious experiences recorded in, and revealed through the modern use of, the Bible.

243-244 Character and Religious Education in Secondary Schools Credits 3-3

The course deals with the problems of character and religious education in the light of present conditions in China and of developments in the field of general education and character and religious education. The second semester's work emphasizes practical studies in connection with the middle schools of Foo-chow. Identical with Education 273-274.

Prerequisite: Education 121.

251-252 History of Chinese Philosophy Credits 3-3

The development of Chinese philosophy is traced through the ancient, medieval and modern periods, with special emphasis on the various schools of thought. Identical with Chinese 251-252.

301-302 Problems of Philosophy Credits 3-3

Consideration of the fundamental problems of philosophy: the nature of space-time, the nature of life, the philosophy of evolution, purpose, God, the nature of the self, theories of knowledge.

Text: Patrick, Introduction to Philosophy.

Prerequisite: Philosophy 211-212.

322 Philosophy of Ethics Credits 3

A course in applied philosophy. The nature of the ethical enterprise: moral theory, moral practice, moral philosophy.

Text: Barrett, Ethics.

Prerequisite: Philosophy 201.

331 Philosophy of Religion Credits 3

A course in applied philosophy. The nature of the religious enterprise: Who is God? What is religion? What is worship?

Text: Scott, The Seeker Finds.

Prerequisite: Philosophy 201.

334 Psychology of Religion Credits 3

A psychological study of religious phenomena, such as the growth of religious consciousness, mysticism, asceticism, conversion, etc. Such problems as worship, prayer, and the hope of immortality will be dealt with. Identical with Education 334.

Prerequisite: Education 121-122, Philosophy 331 (recommended).

336 Social Institutions and Ideals of the Bible Credits 3

A study of the ancient social institutions of the Hebrews and their development through the centuries into significant ideals. The course includes the Social Teachings of Jesus.

343-344 Materials of Religious Education Credits 2-2

A course in curriculum materials and curriculum construction in Character and Religious Education. Fall semester: the principles of curriculum construction for character and religious education. Spring semester: program planning for secondary school character education; the features in the total program of a school when organized for character education. Identical with Education 273-274.

Prerequisite: Education 273-274.

352 Chinese Philosophers Credits 3

A study of the contributions of the different schools of philosophy. Selections from the philosophers of the Chou and Chin dynasties. Identical with Chinese 304.

353 Chinese Ethical Thought Credits 2

A study of the development of ethical ideas throughout the history of Chinese thought. Identical with Chinese 353.

354 Chinese Religious Thought Credits 2

The course traces the development of the religious thinking of the Chinese from the ancient to the modern period, with special emphasis on Buddhist and Taoist religious ideas. Identical with Chinese 354.

401-402 Types of Philosophy Credits 3-3

The types of contemporary philosophy: Naturalism, Pragmatism, Idealism, Realism.

Text: Hocking, Types of Philosophy.

Prerequisite: Philosophy 211-212.

431 Philosophy of the Christian Religion Credits 3

The Christian view of the world, of man, of God, of society. Christianity in the Modern World.

Prerequisite: Philosophy 331.

438 The Christian Solution of Modern Social Problems Credits 3

Analysis of the most pressing social problems of the world and of China with considerations of the solutions offered by reflective Christianity.

441-442 Philosophy of Education Credits 3-3

A course in applied philosophy. Fall semester: a general treatment of the significance and values of education. Spring semester: the educational philosophy of John Dewey. Identical with Education 401-402.

Prerequisite: Education 221, 223-224; Philosophy 211-212.

451-452 Chinese Philosophy—Pre-Tsing Credits 3-3

Fall semester: a survey of the philosophy of Laotze and Chuangtze, as well as of Confucius and Mencius. Spring semester: Mohitze and the other schools of Chinese philosophy preceding the Tsing dynasty. Identical with Chinese 451-452.

453-454 Chinese Philosophy—Sung, Yuan, Ming Credits 3-3

A study of the various schools of thought during this period of Chinese history and their relationship with Buddhist thought, with special emphasis on the methods of self-cultivation recommended by the philosophers of the period. Identical with Chinese 453-454.

**Summary of Courses Offered Under the
Department of Philosophy**

A. Philosophy

- 102 Introduction to Civilization
- 201 Logic
- 211-212 History of Western Philosophy
- 221 Comparative Life Ideals
- 301-302 Problems of Philosophy
- 322 Philosophy of Ethics
- 331 Philosophy of Religion
- 401-402 Types of Philosophy
- 441-442 Philosophy of Education

B. Chinese Philosophy

- 251-252 History of Chinese Philosophy
- 352 Chinese Philosophers
- 353-354 Development of Chinese Ethical and Religious Thought
- 451-452 Pre-Tsing Philosophy
- 453-454 Sung, Yuan, Ming Philosophy

C. Religion

- 136 Life and Teachings of Jesus
- 232 Religions of Mankind
- 235 Teaching Values in the Bible
- 331 Philosophy of Religion
- 333 Psychology of Religion
- 334 Social Ideals of the Bible
- 431 Philosophy of the Christian Religion
- 438 Christian Solutions of Social Problems

D. Religious Education

- 144 Christian Education in Rural Service
 243-244 Character Education in Secondary Schools
 343-344 Materials of Religious Education
 (Education 161 Educational Adjustment)
 (Education 275 Recreational Materials)

POLITICAL SCIENCE**The Major in Political Science**

For a major in Political Science, the following courses are required:

	<i>Credits</i>
201-202	6
221-222	6
231-232	6
History 101-102	6
Economics 201-202	6
	30

Political Science may also be chosen in a combined major with Economics, History, Sociology or Philosophy.

The textbooks in use are generally Chinese, with considerable reference material in English.

Prerequisites: Political Science 201 is prerequisite to all courses following it. Others as noted.

101 The Writings of Sun Yat Sen *Credits 2*

The Three Principles of Popular Government. A study of Dr. Sun's writings upon the subjects of nationalism, democracy, the people's livelihood, and the foundations of the political structure of the Chinese National Government.

Required of all students.

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102 The Writings of Sun Yat Sen *Credits 2*

Steps in the Reconstruction of China. A sequence to History 101. A study of Dr. Sun's plans for the industrial development of China as a part of the national reconstruction.

201 Introduction to Political Science *Credits 3*

The fundamental conceptions of political science, with special emphasis on the place of political science in the training of citizens for the new China.

202 The Chinese National Government *Credits 3*

The organization of the National Government, its several *yuans*, and their relationship to the National Assembly.

221-222 Local Government *Credits 3-3*

A brief review of the development of Chinese provincial government, followed by an analytical study of (a) the hsien government, and (b) the municipal government, as organized to-day.

Prerequisite: Political Science 202.

231-232 Modern Governments *Credits 3-3*

The structure of the various European and American governments studied and compared, with special attention to governments established since the World War.

Texts: Monro, European Governments; American Government.

Prerequisite: Political Science 202.

301 Comparative Constitutions *Credits 3*

A survey of the important constitutions of the world, with special emphasis on the historical development of the Chinese constitution.

Prerequisite: Nine hours' work in Political Science.

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311 Political Parties Credits 3

A survey of the party organizations and party programs of important countries, with special attention to the Kuomintang.

321 History of Political Thought Credits 3

A comparative study of the schools of political thought in China and Western countries.

401 International Relations Credits 3

A study of nationalism and imperialism, and of international conflicts and means of settlement.

402 International Law Credits 3

The development and usages of international law.

SOCIOLOGY

The Major in Sociology

For a major in Sociology, the following courses are required:

	<i>Credits</i>
201-202	6
205	3
303-304	6
333-334	6
	<hr style="width: 10%; margin: 0 auto;"/> 21

Sociology may also be chosen in a combined major with Economics, History, Political Science or Philosophy.

Prerequisites: Sociology 201-202 is prerequisite to all courses following it.

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201 Principles of Sociology Credits 3

Social forces, social processes, and social products, with special emphasis on the applications of these principles to China.

202 Social Origins and Evolution Credits 3

The development of culture-complexes, including institutions, with special reference to the development of Chinese culture.

205 Social Research and Social Survey Credits 3

The methods of library research in social science literature and an actual investigation of communities in the vicinity of the campus.

301 Labor Problems Credits 3

A study of labor organizations, their methods of coercion and allied problems, such as child labor, the labor of women, prison labor, and the methods of promoting industrial peace.

303-304 Social Psychology Credits 3-3

Modern trends in social psychology with emphasis on the study of the individual in society, or the growth of social personality. Identical with Education 227-228.

305 Educational Sociology Credits 3

A study of education from the point of view of sociology. The school is studied as a social institution whose objectives must be determined from the standpoint of social values. Identical with Education 311.

311 The Family and the Home Credits 3

A study of the history of the family, including the problems of marriage, divorce, property, dowry, division of labor, child care, and training.

312 Child Welfare Credits 2

A study of the problems of child welfare and maternity care.

331 Social Pathology Credits 2

A study of social evils with an attempt at their possible solution.

333-334 Social Problems Credits 3-3

The study of a number of selected problems in China, with an attempt to find the causes, characteristics, effects and remedies in each case.

401 History of Social Thought Credits 3

A study of social theories from the earliest times to the present day, with special emphasis on the trends leading to the present schools of thought.

402 History of Chinese Social Thought Credits 3

A continuation of 401 with content limited to Chinese social thought.

403 Folkways Credits 3

A comparative study of the traditions, customs, mores, and tenets of selected social groups and their interpretation in the light of social science.

404 Social Statistics Credits 3

A study of the methods of analysis of the findings of social surveys; interpretation and evaluation.

412 Rural Sociology Credits 3

A study of the socialization of rural communities; methods and systems of community organization; and reorganization of the community for the production of social contacts.

422 Theories of Social Progress Credits 3

A study of the factors of social progress, characteristics and tendencies.

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WESTERN LANGUAGES AND LITERATURE**The Major in English**

For a major in English the following courses are required:

Elementary and Intermediate Courses

	Credits	
103-104	4	
109-110	2	
201-202 or 203-204	4	
209-210	2	12
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Advanced Courses

Elective	8	
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Comparative Literature

351-352	4	
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Special Courses

461-462	4	
463-464	2	6
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English may also be chosen in a combined major with Philosophy, Education, History or Philosophy.

ENGLISH**Elementary Courses****101-102 Freshman English (Readings)** Credits 2-2

Intended primarily to meet the needs of students who desire to perfect their English for use as a tool.

Texts: (such as) Thorpe and Walter, University Readings; Loomis, Models for Writing Prose; Beaty, Leisy and Lamar, Facts and Ideas.

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103-104 Freshman English Literature Credits 2-2

Intended to serve as a tool course and more especially as an introduction to the study of Western Literature for students desiring either to increase their knowledge of this subject or to major in the department.

Texts: Selected masterpieces of Western Literature in English.

109-110 Freshman English Composition Credits 1-1

Review of English grammar, syntax, idiom, usage. The study of theory and models and the regular writing of themes in description, narration and exposition.

Texts: (such as) Jensen, Corrective English Exercises; Lewis and Hoste, Practical Workbook in English; Steadman, Miller and Grant, Exercises in Writing and Thinking; Smart, Handbook of Effective Writing; Lomer and Ashmun, The Writing and Practice of English.

Intermediate Courses

Prerequisite to the Intermediate Courses: English 101-102 or 103-104.

201-202 Introduction to the Study of Literature Credits 2-2

An Orientation Course in Literature, intended to introduce students to the serious study of the subject. Through a study of representative masterpieces of all types and ages the student gains a knowledge of the significance of literary history and literary criticism.

Texts: Anthologies of Selected Readings; Boas and Smith, An Introduction to the Study of Literature; Hudson, An Introduction to the Study of Literature.

203-204 History of English Literature Credits 2-2

A study of the History of English Literature as a representative literature of the West, from its beginnings in Anglo-Saxon times to the present day. A major part of the time is devoted to masterpieces of the literature itself.

Texts: Legouis and Cazamian, A History of English Literature; Schweikert, Inglis, Cooper, Sturdevant, Benet, Adventures in English Literature.

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209-210 Advanced English Composition Credits 1-1

This course continues on a more advanced level the work of course 109-110. Weekly themes in exposition, both scientific and philosophic.

Texts: Scott, Bulletins in English Composition.

Prerequisite: English 109-110.

Advanced Courses

Prerequisite to the Advanced Courses: English 101-102, or 103-104 and 201-202, or 203-204, and 109-110.

301-302 English Poetry Credits 2-2

A survey of the entire field of English Poetry (and poetry in English) including contemporary poetry.

Texts: One of the many standard anthologies such as Zeitlin and Rinaker, Types of Poetry, or Hall, Types of Poetry.

303-304 English Drama Credits 2-2

A survey of English Drama from its beginnings in the liturgy of the Mediaeval Church, through its climax of artistic expression during the Elizabethan Age, to the dramatic revival of the nineties and the renaissance of the present day. Special study of the plays of Shakespeare.

Texts: Complete works of Shakespeare, an anthology of English Drama, and an anthology of Contemporary Drama.

305 English and European Essay Credits 2

A study of the various types of essay, historical, critical, reflective, familiar.

Texts: Pritchard, The World's Best Essays, or Taylor, Types and Times in the Essay.

307-308 English and European Fiction Credits 2-2

A study of the development of the novel and short story. Collateral readings in these types.

Texts: Clark, Great Short Stories of the World, Great Short Novels of the World; Knight, The Novel in English; Pollard, Great European Novels and Novelists.

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Comparative and World Literature

Prerequisite: Comparative Literature 351-352 is prerequisite to all other courses in the field.

351-352 Literature of the World Credits 2-2

A historical survey of the major literatures of the world, French, Greek, Latin, Italian, German, Scandinavian, Indian and other literatures, considering them not as isolated literary phenomena but as the expression of certain emotions and ideals generally common to the lives of all peoples.

Texts: Macy, *The Story of the World's Literature*; Drinkwater, *The Outline of Literature*; Heath, *Readings in the Literature of Europe*; Century Readings in Ancient Classical and Modern European Literature.

451-452 World Drama Credits 2-2

A survey of world drama from its beginnings in Ancient Greece down to the dramatic renaissance of the present day.

Texts: Bellinger, *A Short History of the Drama*; Hubbell and Beaty, *An Introduction to the Drama*; Stauffer, *The Progress of Drama Through the Centuries*; Matthews, *The Chief European Dramatists*.

453-454 The Drama of the Renaissance Credits 2-2

A detailed study of the drama of the Renaissance in the three countries where it achieved its finest expression, England, Spain, and France.

Texts: See above, *World Drama*, and also, Modern Library, *Eight Elizabethan Plays*; *Moliere's Plays*, Corneille and Racine, *Plays*, and Everyman's Library, Fitzgerald, *Six Plays by Calderon*.

455-456 The Drama of Romanticism and the Twentieth Century Credits 2-2

A detailed study of Contemporary Drama with a preliminary survey of the drama of Romanticism.

Texts: Dickinson, *An Outline of Contemporary Drama*; Chandler, *Modern Continental Playwrights*; Tucker, *Twenty-five Modern Plays*; also Houghton Mifflin's, *Chief Contemporary Dramatists' series* and Scribner's *Contemporary Drama series*.

457-458 World Poetry (Lyric) Credits 2-2

A survey course in the poetry of the world, chiefly lyric.

Text: Mark Van Doren, *An Anthology of World Poetry*.

459-460 The Epic. Great Epics of the World Credits 2-2

A survey of the great epics of the world by a careful study of more or less extensive passages from the principal ones.

Texts: Clark, *History of Epic Poetry*; Guerber, *The Book of the Epic*; Dixon, *English Epic and Heroic Poetry*; Murray, *The Rise of the Greek Epic*.

Special Courses for Majors and Teachers of Western Literature**461-462 Methods and Principles of Literary Study, Literary Criticism, and History Credits 2-2**

The problems, methods, and principles of literary study, history, and criticism are carefully examined and studied.

Texts: Extensive use will be made of the following texts: Moulton, *The Modern Study of Literature*; Buck, *Literary Criticism*; Shipley, *The Quest for Literature*; Louise Dudley, *The Study of Literature*; Nitche, *The Criticism of Literature*; Rickert, *New Methods for the Study of Literature*.

463-464 Bibliography for Students of Literature Credits 1-1

An intensive study of the bibliography of Western Literature.

Texts: Among the many texts and reference material used may be mentioned the following: Gayley and Kurtz, *Literary Criticism, Epic, Lyric, etc.*; Gayley and Scott, *Literary Criticism*; McKerrow, *Introduction to Bibliography for Literary Students*; Mudge, *New Guide to Reference Books*; Cross, *English Literary History, Bibliography and Methods, etc., etc.*

FRENCH**221-222 Elementary French Credits 6**

A study of French grammar, syntax, and idiom with a view to gaining an elementary mastery of the language. Daily practice in reading, writing and speaking.

Texts: Fraser, Squair and Coleman, *New Complete French Grammar*. Reading of selected French classics,

321-322. Intermediate French Credits 4

Review and continuation of French grammar. More extensive study of French classics with a view to further mastery of the French language, N. B. and as an introduction to French civilization as viewed through her literature.

Texts: Selected classics of poetry, short story and plays, and Bovee, *Aventures Par la Lecture*.

SCIENCE**BIOLOGY****The Major in Biology**

For a major in Biology the following courses are required:

	<i>Credits</i>
101-102	10
211-212 or 213-214	10
231	3
234	2
241	4
493-494	1, 2
495-496 or 497-498	1, 2
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	31, 33

According to the student's interest, the following courses are recommended:

1. Students preparing to teach biology in high schools are advised to elect the following courses:
Biology 101, 102, 211, 212, 213, 214, 231, 234, 241, 242, and 321.
2. Students who are preparing to study medicine, and who have had Biology 101-102 should take as many as possible of the following courses:
Biology 211, 212, 231, 241, 311, 312, and 371.
3. Students who are preparing to study agriculture may pursue to advantage any of the following courses:
Biology 101, 102, 211, 212, 213, 214, 222, 231, 232, 321, 352, 381, and Agriculture 201.

Fees

A fee of \$5.00 per semester is charged for each course having six hours laboratory per week, or \$3.00 per semester in courses having three hours laboratory per week, with the exception of Biology 241-242, in which case the fee is \$6.00 per semester. In addition to the laboratory fee, a breakage deposit of \$3.00 is required for each laboratory course and \$6.00 for two or more laboratory courses.

All laboratory periods in Biology are three hours long.

101-102 General Biology Credits 10

General Biology is designed to introduce the student to the fundamental principles of biology and the phenomena of life common to both plants and animals. The lectures cover morphology, and physiology, and the elementary facts of ecology, taxonomy, genetics, evolution, parasitism, paleontology, biogeography and certain phases of applied biology with special reference to local plants and animals.

Three class periods and two laboratory periods.

Laboratory manual: 鄭作新, 生物學實驗指導.

211 Invertebrate Zoology Credits 5

The morphology, physiology, taxonomy, and life history of the vertebrates, with special emphasis on such representatives of each phylum as are related to human welfare.

Three class periods and two laboratory periods.

Prerequisite: Biology 101-102.

212 Vertebrate Zoology Credits 5

The comparative study of the anatomy and physiology of the vertebrate animals and a general survey of their natural history and their classification in relation to their evolution. In the laboratory, the vertebrate types, including the fish, amphibian, bird, and mammal are dissected.

Three class periods and two laboratory periods.

Prerequisite: Biology 211.

213-214 Plant Morphology *Credits 10*

A study of the structure and life history of a series of representative plants among the algae, fungi, lichens, liverworts, mosses, pteridophytes, gymnosperms and angiosperms, as a basis for the discussion of the evolutionary relationships of the principal groups of plants. Consideration is given to the phenomena of reproduction, habitats, and general distribution.

Three class periods and two laboratory periods.

Text: Coulter, Barnes, and Cowles, Textbook of Botany.

Prerequisite: Biology 101-102.

222 Plant Physiology *Credits 4*

A study of the fundamental plant activities, including nutrition, respiration, irritability, reproduction and other physiological phenomena.

Two class periods and two laboratory periods.

Texts: Raber, Plant Physiology; Maximov, Textbook of Plant Physiology.

Prerequisite: Biology 101-102.

231 Animal Genetics *Credits 3*

The phenomena of heredity and variation, the physical mechanism of heredity, Mendelism, neo-mendelism and the determination of sex, biometrics and eugenics. The laboratory work includes breeding experiments with *Drosophila*.

Two class periods and one laboratory period.

Prerequisite: Biology 101-102.

232 Plant Genetics *Credits 2*

A discussion of the findings on the inheritance of plants, especially crop plants. The methods of plant breeding are also considered.

Two class periods.

Prerequisite: Biology 231.

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234 Organic Evolution *Credits 2*

The facts and theories of evolution with emphasis on the evidences for evolution, the possible causes and the probable course of the evolutionary process.

Two class periods.

Prerequisite: Biology 101-102.

241 Microtechnique *Credits 2*

The principles and practice of preparing both plant and animal material for microscopic study.

Two laboratory periods.

Prerequisite: Biology 101-102.

242 Laboratory Technique *Credits 2*

Training in the technique of collecting, preserving and preparing materials for class and laboratory work and for exhibition. The course includes also the rearing of cultures, the care of terraria and aquaria, the making of charts, the use of projection apparatus and the preparation of skins, skeletons, models and museum specimens. The course is specially designed for prospective teachers of biology.

Two laboratory periods.

Prerequisite: Biology 241.

311 Comparative Embryology of Vertebrates *Credits 5*

A comparative study of the various phases of the embryonic development of vertebrates, including gametogenesis, fertilization, cleavage, the formation of germ layers, the development of embryonic membranes and the process of organogenesis. The laboratory work deals primarily with the early embryology of frog and chick.

Three class periods and two laboratory periods.

Text: Shumway, Vertebrate Embryology.

Prerequisite: Biology 101-102.

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312 Animal Histology *Credits 4*

A general review of cell structure and functions, followed by a detailed study of the tissues of the animal body with special reference to their development and the functions they perform in connection with the various life processes.

Two class periods and two laboratory periods.

Prerequisite: Biology 212.

313 Anatomy of Vascular Plants *Credits 4*

A study of the tissues and organs of vascular plants with respect to their structure, physiology and development.

Two class periods and two laboratory periods.

Text: Eames and MacDaniels, Introduction to Plant Anatomy.

Prerequisite: Biology 101-102; preferably also, Biology 213-214.

321 General Entomology *Credits 4*

The locust is taken as the type and its structure studied for the first six weeks of the course, after which representatives of other groups are studied in succession. The life histories of the common insects are studied, their economic importance emphasized, and experiments in their control carried on. A collection of local insects, properly classified in families, is required of each student.

Two class periods and two laboratory periods.

Text: Sanderson and Jackson, Elementary Entomology.

Prerequisite: Biology 211.

322 Comparative Anatomy and Physiology of Insects *Credits 4*

A comparative study of the anatomy, physiology and embryology of insects as a basis for further work in applied entomology.

Two class periods and two laboratory periods.

Text: Folsom, Entomology.

Prerequisite: Biology 321.

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352 Systematic Botany *Credits 3*

The characteristics of various families of higher plants. Laboratory studies in the study and identification of local flora, including also field collecting and herbarium methods.

One class period and two laboratory periods.

Prerequisites: Biology 213-214.

371 Animal Parasitology *Credits 4*

Representatives of the main groups of parasites, especially human parasites, are studied in the laboratory; and their morphology, life history and classification are discussed in the classroom, with consideration of the methods of prevention and the means of eradicating parasites.

Two class periods and two laboratory periods.

Text: Stitt, Bacteriology, Parasitology, and Blood-work.

Prerequisite: Biology 211.

381 Plant Pathology *Credits 3*

The characteristic types of plant diseases, including a study of their symptoms and the life histories of causal organisms in relation to diseases. The laboratory work is mainly concerned with the diseases of local plants and methods of preventing them.

One class period and two laboratory periods.

Prerequisite: Biology 101-102.

493-494 Biology Pro-seminar *Credits 1-1*

Readings in current biological literature will be assigned and written reports presented before the class for discussion. Students doing problem work will be asked to present the results of investigation.

Conference time to be arranged.

Prerequisite: Biology 101-102, and a second year's work in Biology.

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495-496 Zoological Problems Credits 1-1

Assignment of a special zoological problem calling for original work by the student.

Time to be arranged with individual students.

Prerequisite: Two or three years' study of Biology.

Open only to major students in Biology.

497-498 Botanical Problems Credits 1-1

Assignment of a special botanical problem, in which the student will do original investigation.

Time to be arranged with individual students.

Prerequisite: Two or three years' study of Biology.

Open only to students majoring in Biology.

Agriculture

201 General Agriculture Credits 5

A consideration of the principal elements of Agriculture, including soil management, farm crops, plant diseases and control, animal husbandry, animal and plant breeding, weeds and seeds, cooperative marketing and rural credits. Discussion of local conditions especially emphasized.

Three class periods and two laboratory periods.

Prerequisite: Biology 101-102, Chemistry 111-112.

212 Seed Problems Credits 2

A general consideration of seed control and improvement, including methods of weed control and seed cleaning. Laboratory work includes a study of important agricultural seeds and weeds and methods of seed testing.

One class period and one laboratory period.

Prerequisite: Agriculture 201.

222 Apiculture Credits 3

An introduction to the scientific and economic phases of beekeeping. Students will be given opportunity to do actual work in the apiary.

Two class periods and one laboratory period.

Prerequisite: Biology 101-102; preferably also, Biology 211.

CHEMISTRY

The Major in Chemistry

Toward a major in Chemistry the student should complete as early as possible the following courses:

	Credits
111-112	10
231-232	10
241-242	10
321	2
332	2
	34

Though the minimum major is 36 credit hours, most students majoring in Chemistry elect up to a total of 46 hours.

As noted below both Mathematics and Physics are fundamental to a knowledge of Chemistry. Consequently Mathematics 101-102 is required for Chemistry 231-232; 201-202, for Chemistry 451-452; and Physics 121-122 is required for Chemistry 231-232; 223-224 for Chemistry 451-452. For students interested in Biology, courses in Biology may be substituted for Mathematics and Physics as prerequisites for Chemistry 451-452.

Fees

A fee of \$5.00 per semester is charged for each laboratory course having two laboratory periods per week, \$3.00 per semester in courses having a single laboratory per week, with the exception of Chemistry 241-242 in which case the fee is \$6.00 per term. In case a student withdraws from a course before the

close of the registration period with permission of the instructor, the fee may be refunded, but in no case will the laboratory fee be refunded after the close of the registration period. In addition to the laboratory fee, a \$5.00 breakage deposit card must be presented for each course, at the first laboratory period, with the exception that students taking more than two Chemistry courses at one time need present only two cards. As soon as these cards are used up by purchases in the storeroom or breakage, students must present a new card immediately. The unused balance on each card is returned to the student at the end of the course.

All laboratory periods in Chemistry are three hours long.

111-112 General Inorganic Chemistry and Elementary Qualitative Analysis *Credits 10*

An introduction to the fundamental principles of Chemistry and their application in daily life, industry and medicine, as well as preparation for more advanced work. Special attention is given to laboratory methods, and records of observations. The second semester is devoted almost entirely to the qualitative analysis of the common metals.

Three class periods and two laboratory periods.

Texts: Hildebrand, Principles of Chemistry; Bray and Latimer, A Course in General Chemistry; Noyes, Qualitative Chemical Analysis.

231-232 Elementary Physical Chemistry and Elementary Quantitative Analysis *Credits 10*

The principles of Chemistry are studied to give the student a working knowledge to apply in his subsequent courses in this and related fields. The laboratory deals with the quantitative demonstration of these principles, and in addition to the simpler physico-chemical methods and measurements, gives the usual introductory experiments in quantitative analysis—volumetric, gravimetric and electro-analysis.

Three class periods and two laboratory periods.

Texts: Chapin, Second Year College Chemistry, and Exercises in Second Year College Chemistry.

Prerequisite: Chemistry 111-112; Mathematics 101-102; Physics 121-122.

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241-242 Elementary Organic Chemistry *Credits 10*

An introduction to the principal types of compounds and reactions in Organic Chemistry with emphasis, where possible, on their applications in the field of medicine, industry, etc. The first semester is devoted to the aliphatic compounds and the second to the aromatic compounds. The laboratory gives training in the special methods of Organic Chemistry, as well as preparation and purification of typical compounds. This course should be taken by major students in the sophomore year.

Three class periods and two laboratory periods.

Texts: Lowy and Harrow, An Introduction to Organic Chemistry; Adams and Johnson, Laboratory Experiments in Organic Chemistry.

Prerequisite: Chemistry 111-112. Chemistry 231-232 must be taken previous to or at the same time with 241-242.

291 Elementary Photography *Credits 2*

This course introduces the simple physical and chemical principles used in photography; common types of lenses, cameras and other equipment are discussed, and as far as possible demonstrated by the student himself. Special emphasis is placed on the various types of photographic emulsions and color filters. Developing and printing are covered from the practical and theoretical sides. Some work in intensification reduction, color toning, enlargement, lantern slides, coloring of photographs, and taking of natural color photographs is included. Credits not allowed to meet minimum requirement of a major in Chemistry.

One class period and one laboratory or field period.

Texts: How to Make Good Pictures; Elementary Photographic Chemistry, Eastman Kodak Co.; Agfa Handbook.

Prerequisite: Chemistry 111-112, Physics 121-122.

313-314 Inorganic Preparation *Credits 1 or 2*

Special advanced preparations and problems of purification, designed to meet the student's special interests or needs.

One or two laboratory periods by arrangement.

Text: Biltz, Laboratory Methods of Inorganic Chemistry.

Prerequisite: Chemistry 231-232.

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(79)

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321 Advanced Qualitative Analysis *Credits 2*

A review of the detection of the common metals with more difficult problems of getting the sample in solution. Special work on alloys, minerals, etc., and the detection of the common negative radicals are introduced.

Two laboratory periods.

Text: Noyes, Qualitative Chemical Analysis.

Prerequisite: Chemistry 231-232.

332 Advanced Quantitative Analysis *Credits 2*

A continuation of the work started in 231-232. Additional work in calibration of weights and glassware, analysis of a clay and industrial products, applications of volumetric analysis and methods of optical analysis.

Two laboratory periods.

Text: Mahin, Quantitative Analysis.

Prerequisite: Chemistry 231-232.

343-344 Advanced Organic Laboratory *Credits 1 or 2*

This course includes more difficult preparations than 241-242 and introduces additional important type reactions. Special emphasis is placed on purification, and yields. Generally ten or twelve preparations are assigned per laboratory credit.

One or two laboratory periods by arrangement.

Text: Gatterman, Practical Methods of Organic Chemistry.

Prerequisite: Chemistry 241-242.

345-346 Organic Analysis *Credits 6*

The first semester includes the identification of individual compounds and mixtures by Organic Qualitative Analysis, and the second is devoted largely to the common determinations of Organic Quantitative Analysis.

One class period and two laboratory periods.

Texts: Kamm, Qualitative Organic Analysis; Gatterman, Practical Methods of Organic Chemistry.

Given in alternate years with Chemistry 361-362.

Prerequisite: Chemistry 241-242.

(80)

77

361 Sanitary Chemistry *Credits 3*

The subjects of water and water supplies are studied from the point of view of domestic and industrial use. The course includes bacteriological and microscopical examination as well as the usual methods of chemical examination; methods of water purification and softening. Interpretation of analytical results and sanitary surveys are emphasized.

One class period and two laboratory periods.

Texts: American Public Health Association, Standard Methods of Water Analysis and references.

Given in alternate years with Chemistry 345.

Prerequisite: Chemistry 231-232.

372 Food Chemistry *Credits 3*

The lectures include the Chemistry of foods, beverages and accessories, as well as adulteration, sweeteners, preservatives, food colors, poisoning, and the nutritive value of foods. The laboratory work includes typical methods of food analysis with special emphasis on foods obtained locally. Other experiments are introduced to illustrate the material covered in the lectures.

One class period and two laboratory periods.

Text: Sherman, Chemistry of Food and Nutrition.

Given in alternate years with Chemistry 346.

Prerequisite: Chemistry 241-242.

381-382 Industrial Chemistry *Credits 6*

Various typical industries are studied with emphasis as far as possible on the present conditions in China. Raw materials, handling, and control examinations are included. Some work in gas and fuel analysis and furnace control is introduced. Industrial Calculations are emphasized.

Two class periods and one laboratory period.

Text: Thorp, Outlines of Industrial Chemistry.

Prerequisite: Chemistry 231-232, 241-242.

451-452 Physical Chemistry Credits 6

Lectures and problems in theory, with some illustration of application in industry, medicine, etc. The laboratory covers determinations of molecular weights by common methods, surface tension and viscosity of liquids, properties of crystals and optical activity by polarized light, distillation curves for liquid mixtures, various phase rule studies, colloids, thermochemistry, homogenous equilibrium, velocity of reaction, and electrochemical measurements.

Two class periods and one laboratory period.

Texts: Getman-Daniels, Outlines of Theoretical Chemistry; Findlay, Practical Physical Chemistry.

Prerequisite: Chemistry 231-232, 241-242; Mathematics 201-202; Physics 223-224.

453 Elementary General Microscopy Credits 3

An introduction to the use of the microscope in chemical work, with special emphasis on polarized light and properties of crystals. Examination of minerals, powders, metals, paper, textile fibers and paints are introduced. Number of students limited.

One class period and two laboratory periods, first semester.

Text: Chamot and Mason, Handbook of Chemical Microscopy Vol. I.

Prerequisite: Chemistry 231-232.

454 Chemical Laboratory Equipment Credits 1

This course is designed to meet the lack of knowledge of laboratory equipment, where and how to purchase, for a small school or industrial laboratory. Each student must list equipment for the work he expects to carry on, and then with limited budget, actually plan orders for such furniture and apparatus.

One conference hour per week.

495-496 Chemical Problems Credits 1, 2 or 3

Seniors may elect problems with or without connection with the senior thesis. A problem for a senior thesis should be commenced a year in advance of graduation.

One laboratory period per week per credit.

Prerequisite: Chemistry 231-232, 241-242, and other courses depending on the nature of the problem.

PHYSICS

The Major in Physics

There are two majors in Physics, the combined major in Mathematics and Physics, and the major in Applied Physics.

The following courses are required for the combined major in Mathematics and Physics:

		Credits	
Mathematics	101-102	6	
"	203-204	6	
"	212	3	
"	305	2	
"	406	2	19
		<hr/>	
Physics	121-122	10	
"	223-224	6	
"	325	1	
"	427-428	4	21
		<hr/>	<hr/>
			40

The following courses are required for the major in Applied Physics:

		Credits	
Mathematics	101-102	6	
"	111	2	
"	203	3	
"	212	3	14
		<hr/>	
Physics	121-122	10	
"	223-224	6	16
		<hr/>	
Applied Physics	251	2	
"	253	3	
"	254, 355 or 356	2	
"	357	3	10
		<hr/>	<hr/>
			40

Physics, Applied Physics and Mathematics are numbered within the same series of numbers, thus: "0" for pure Mathematics, 1 for Applied Mathematics, 2 for Physics, 5 for Applied Physics. "Units" are more or less continuous in each series.

Fees

Fees for courses with two laboratory periods per week, \$5.00 plus \$4.00 for laboratory outline. For one laboratory period per week, \$3.00 plus \$2.00.

All laboratory periods in Physics are three hours long.

PHYSICS

121-122 College Physics

Credits 10

Statics, hydrostatics and heat; light, magnetism and electricity. The fundamental principles of physics are surveyed and their applications shown in operation. Emphasis on energy transformation, modern ideas of crystal lattice structure, quanta and electrons.

Three class periods and two laboratory periods.

Texts: Fuller, Brownlee and Baker, First Principles of Physics; Martin, Laboratory outline.

223 Mechanics and Sound

Credits 3

Dynamics and statics, with an introduction to sound and the acoustics of buildings. Analytical methods are freely used and problems of practical application are solved.

Two class periods and one laboratory period.

Texts: Duncan and Starling, Dynamics; Capstick, Sound; Watson, Acoustics of Buildings.

Prerequisite: Physics 121-122; Mathematics 101-102.

224 Electric Power

Credits 3

Direct and alternating current machinery, circuits and theory. Attention of premedical students is called to the special uses of high frequency apparatus in physio-therapy.

Two class periods and one laboratory period.

Texts: Cook, Elements of Electrical Engineering; Franklin and Esty, Dynamos and Motors.

Prerequisite: Physics 223.

(83)

325 The Electron

Credits 1

A discussion of some of the main phenomena in Millikan, The Electron (text).

One class period.

Prerequisite: Physics 224.

427 Radio

Credits 2

The circuits of all-electric receiving sets with an emphasis on protection against humidity and voltage fluctuation in the mains. Static-free aeriels. Radio acoustics. Tube testing and electro-aligning of sets. Renewal of parts. Short-wave sets. Air-condenser-tuned, intermediate frequency transformers.

Two class periods.

Texts: Van der Bijl, Thermionic Vacuum Tube; Henney, Principles of Radio.

Prerequisite: Physics 224.

428 Modern Physics

Credits 2

A discussion of some of the modern problems including simple relativity substitutions and solutions.

Two class periods.

Texts: Jauncey, Modern Physics; Physics Staff of University of Pittsburg, Atomic Physics.

Prerequisite: Physics 325.

APPLIED PHYSICS

251 Machine Shop-work

Credits 2

Chipping, filing, scraping, and hand-tool work. Hardening and tempering of chisels.

One laboratory (workshop) period and one class or drawing period.

Text: Burley, Machine Fitting and Shop Practice, I and II.

Prerequisite: One semester of science.

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252 Machine Tools *Credits 1*

Practice in use of lathe and other machine tools.
One laboratory (workshop) period.
Text: Burgardt, Machine Tool Operation.
Prerequisite: Physics 251.

253 Resistance of Materials *Credits 3*

Tension, compression and shear stresses; bending moment and shear in loaded beams: columns and reinforced concrete beams. The testing of specimens in the machine.
Two class periods and one laboratory period.
Text: Merriman, Strength of Materials.
Prerequisite: Physics 223.

254 Hydraulics *Credits 2*

The theory of the new propeller pump; design of centrifugal pump and water-turbines from the standpoint of the specific speed type. Efficiency; the Michell bearing.
Two class periods.
Prerequisite: Physics 223.

355 The Hydraulics of Irrigation Drainage *Credits 2*

A study of the principles and details of irrigation and of drainage of agricultural areas.
Two class periods.
Text: Pickels, Drainage and Flood Control Engineering.
Prerequisite: Physics 223.

353 The Aeroplane and its Accessories *Credits 2*

A study of the aeronautical principles involved in the design of aeroplanes with reference to modern inventions and recent achievements.
Two class periods.
Texts: Clark, Elements of Aviation; Monteith and Carter, Simple Aerodynamics.
Prerequisite: Physics 222.

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83

357 Reinforced Concrete Design *Credits 3*

Theory and practice in the design of reinforced concrete beams, slabs, footings, columns and building details.
Two class periods and one drawing and design period.
Text: Urquhart and O'Rourke, Design of Concrete Structures.
Prerequisite: Physics 254.

458 Advanced Reinforced Concrete Design *Credits 2*

A continuation of 355. The design of retaining walls, a highway bridge, etc.
Two class periods.
Prerequisite: Physics 355.

MATHEMATICS

101 College Algebra and Trigonometry *Credits 3*

Review of the fundamentals of Algebra, with more advanced work, including permutations and combinations, probability, progressions and series. Logarithms, solution of right triangles, formulae and equations.
Texts: Fine, College Algebra; Granville, Plane Trigonometry.

102 Analytic Geometry *Credits 3*

Loci, the straight line, conic sections, transformation of co-ordinates, general equations of second degree, higher plane curves, the straight line and the plane in space.
Text: Smith, Gale and Neeley, New Analytic Geometry.

111 Descriptive Geometry *Credits 2*

Problems in point, line and plane; surfaces of revolution and practical applications of the same.
One class period and one drawing period (two hours).
Text: Kenison and Bradley, Descriptive Geometry.

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84

203 Differential Calculus *Credits 3*

The differentiation of algebraic, trigonometric, and transcendental functions; expansion of functions by Taylor's and Maclaurin's theorems; maxima and minima, partial differentiation; curvature, point of inflexion, order of contact and osculating circle.

Text: Osborne, Differential and Integral Calculus.
Prerequisite: Mathematics 101-102.

204 Integral Calculus *Credits 3*

A continuation of 203. Applications to geometry and physics; definite integrals, integrals as the limit of a sum; volume of revolution, moment of inertia, center of gravity, center of fluid pressure, force of attraction, etc.

Text: Osborne, Differential and Integral Calculus.
Prerequisite: Mathematics 203.

212 Surveying and Levelling *Credits 3*

Simple surveys, taking levels and plotting field notes; setting a grade line, computing areas. Attention is given to the care of instruments and the adjustment of the transit and the level.

Two class periods and one field or drawing period (three hours).
Text: Breed and Hosmer, Elementary Surveying.
Prerequisite: Mathematics 101; Physics 121-122.

305 Theory of Equations *Credits 2*

Determinants, solution of cubic and quartic equations, symmetric functions, solution of numerical equations; general properties of the roots of an equation.

Text: Dickson, A First Course in the Theory of Equations.
Prerequisite: Mathematics 204.

313 Astronomical Observing *Credits 1 or 2*

The use of an eight-inch mirror telescope, which has a fixed eye position, in observing the planets and some of the stars. Simple theory of physical optics and optical instruments.

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85

314 Statistics of Economics *Credits 3*

The principles of statistical methods as applied to business and economics; averages; tabulations, graphs, schedules and index numbers, growth curves, time series and trends. Identical with Economics 382.

406 Theory of Numbers *Credits 2*

The elementary theory of numbers, the divisibility and primality of integers, congruences, theory of quadratic residue, primitive roots. The general theory of diophantine analysis will be given.

Text: Carmichael, History of the Theory of Numbers.
Prerequisite: Mathematics 305.

EDUCATION

The classification of courses in Education and Psychology under the headings of Principles, Psychology, Administration, and Methods is in accordance with the prescription of the Chinese Ministry of Education, specifying that a School of Education should contain these four departments. In the process of building up a School of Education, it has seemed best to follow the lines of organization laid down by the Ministry.

The Major in Education

A student majoring in education is urged to select a minor in a "content subject" which he expects to teach after graduation. The number of credits required for this "content subject minor" varies with the needs of different cases, but the general rule is approximately 20 credit-points.

Students major in either Education or Psychology, not in any of the four listed departments, but they may elect the larger number of the courses pursued toward the major in any of the departments. For example, a student specially interested in administration will, besides the general fundamental courses, take more courses in administration than in psychology or methods.

Education 121 and 223-4 are fundamental courses required of all students majoring in Education or Psychology. In addition students with different inclinations select courses required in particular groups. Thus:

Principles:—Education 201, 203, 204, 217, 301-2, 303, 401.

Psychology:—Education 227-8, 325, 326, 329-30, 421, 422.

Administration:—Education 201, 241, 242, 243 or 244, 281, 381 or 382, 303, 401.

Methods:—Education 261-2, 325, 326, 381 or 382, 301, 401; and Methods of Teaching a Special Subject (minor).

Religious Education:—Education 273-4, 375-6, 301-2, 401; and Philosophy 331.

PRINCIPLES AND PHILOSOPHY OF EDUCATION

Prerequisite: Education 201 is prerequisite to all courses following it in the field of Principles and Philosophy of Education. Others as noted.

201. Introductory Course in Education Credits 3

This course aims to give the student a general orientation in the field of education, through a brief survey of the problems of education and a general understanding of the scope and significance of educational study.

Prerequisite: Education 121.

203 History of Western Education Credits 3

A study of the historical development of education in the West, with emphasis on such important movements as the rise of nationalism, the growth of industrialism, the spread of democracy, etc.

Text: Cubberley, History of Education.

204 History of Education in China Credits 3

A study of the development of education through the different periods of Chinese history, with emphasis on the relationship of educational changes to social conditions, followed by an intensive study of the conditions leading to increasing contacts with other nations and the educational changes which ensue. The changes in education of the last 60 years are given special attention.

217 Principles of Secondary Education Credits 3

A general course dealing with the theory and principles of secondary education as well as the practical problems of secondary education in China. The aims of the secondary school, its place in the national system of education, the principles underlying its curriculum, etc., are among the important problems discussed.

301-302 Progressive Education Credits 3-3

The first semester takes up the more important philosophical and psychological theories which have influenced the movement called Progressive Education. The course begins with a careful study of the Chinese translation of Kilpatrick's "Foundations of Method". Students are introduced to the publications of the New Education Fellowship and the Progressive Education Association.

In the second semester, a study is made of the experiments in various parts of the country to conduct new schools different from the traditional type and based more or less on the principles of progressive education. A comparative study is made of the Dalton plan, the Winnetka plan, the Decroly method, the activity school, and others. The exact practices of various well-known experimental schools are examined in detail.

Texts: Rugg and Shumaker, The Child-centered School; Washburne, New Schools in the Old World; Lincoln School Staff, Elementary School Curriculum.

Prerequisite: Education 223-224.

303 Comparative Education *Credits 3*

A study of the educational systems and practices of different countries in the light of social and political philosophy. Emphasis is laid on the close relation of educational systems with the society in and for which they exist. Comparisons are made of the methods of educational administration, the different levels of education, the methods of teacher-training, and other phases of the educational enterprise.

Texts: Kandel, Comparative Education; Chang Tao Chih, Comparative Education (in Chinese).

Prerequisite: Education 203.

311 Educational Sociology *Credits 3*

A study of education from the point of view of sociology. The school is studied as a social institution, whose objectives must be determined from the standpoint of social values. Identical with Sociology 305.

312 The Family as an Educational Institution *Credits 3*

A study of how the family could more efficiently discharge its duty as one of the most important educational agencies of society. Problems of the Chinese family such as the relationship between individuals, the use of leisure time, the parent-children relationship, the care of children, etc., are considered.

Prerequisite: Education 223-224.

313 Vocational Education *Credits 3*

A general course dealing with the theory and principles of vocational education, the methods and objectives of agricultural education, commercial education, trade and industrial education, home economics education, part-time education, and other forms of vocational education. A study is made of the practices and trends in other countries.

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316 Rural Education *Credits 3*

Rural reconstruction has become a problem of first importance in China. This course attempts a general survey of the problems of the rural villages, with a view to a clearer understanding of the social and economic factors which condition educational efforts. After a brief consideration of the practices and trends of rural education in other countries, careful study is made of the experiments in rural education that have been undertaken in China.

401 Philosophy of Education *Credits 3*

This is an advanced course dealing with the significance and values of education. A comparison is made of the philosophical method and the scientific method in the solution of educational problems; the effects of different philosophies on educational practice are considered; and students are led to evaluate the aims and policies of various levels of schools and various agencies of education in present-day China. Identical with Philosophy 441.

Prerequisite: Education 121, 223-224. Prerequisite or Corequisite: Education 303; also Philosophy 211-212.

402 Educational Philosophy of John Dewey *Credits 3*

A course of intensive study of the educational philosophy of John Dewey, and of the meaning of education as the continuous progressive reconstruction of experience. References: Dewey, Kilpatrick, Bode, Childs; Horne as critic. Identical with Philosophy 442.

Prerequisite: Education 401.

PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY

Prerequisite: Education 121 is prerequisite to all other courses in the field of Psychology and Educational Psychology. Others as noted.

121 General Psychology *Credits 3*

An introductory course aiming to help the student towards a general understanding of the principles of human psychology, and of psychological terms and methods. This course is fundamental and should be taken before any other course in psychology or education.

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90

122 Experiments in General Psychology Credits 3

An elementary laboratory course designed to give first-hand knowledge of experimental technique and investigative methods commonly used in psychology. Typical experiments and demonstrations in the psychology of sensation, perception, memory, attention, association; the measurement of rates of learning, motor learning, learning of mazes; etc.

221 Child Psychology Credits 3

This course attempts to familiarize the student with the important research studies that have been made within this field, with emphasis on the development of the first five years and the kind of education most suited for this early period of an individual's life.

Corequisite: Education 223 (recommended).

222 Adolescent Psychology Credits 3

A study of the physical, mental, and emotional changes of the adolescent period, the needs and interests of the adolescent boy or girl, and the special problems of personality growth characteristic of this period.

Corequisite: Education 223 (recommended).

223-224 Educational Psychology Credits 3-3

This is a fundamental course in the study of educational problems. An intensive study is made of the application of psychological facts and principles to the solution of the practical problems of the home and the school. The student is given practical educational problems and asked to suggest solutions on the basis of psychology. Emphasis is laid on the active use of psychological knowledge in the solution of practical problems. The course covers such topics as physical and mental growth, emotional development, the development of personality, the process of learning, the guidance of learning, the rate and permanence of learning, mental hygiene, intelligence and its measurement, etc.

(94)

91

227-228 Social Psychology Credits 3-3

A study of modern trends in social psychology, with emphasis on the study of the individual in society, or the growth of social personality. Students are asked to become familiar with the writings of Cooley, Dewey, Laird, Dunlap, Allport, Bernard, Young, Krueger and Reckless, Karpf, Bogardus, Pillsbury, and others. Identical with Sociology 303-304.

321 The Psychology of William James Credits 3

A special course in the psychology of William James. Open to Juniors and Seniors.

Text: William James, Principles of Psychology, two volumes.

Prerequisite: Education 122 or 223-224.

325 The Psychology of Intelligence Credits 3

A special intensive study of the attempts to define and measure intelligence. The different theories of intelligence are studied with care, through comparative study of the writings of Thorndike, Spearman, Thurstone, Pintner, Bagley, and others. Sample intelligence tests are introduced, and opportunity is given for limited practice in testing and scoring.

Prerequisite: Education 223-224.

326 Educational Measurements Credits 3

A special course dealing with the methods of measuring results in education. Sample tests of various kinds are examined, and some attempts made to devise tests for use in schools.

Text: McCall, How to Measure in Education.

Prerequisite: Education 223-224.

329-330 Abnormal Psychology Credits 6

A study of abnormal mental phenomena and disorders with a view to understanding the facts of abnormal conduct, thought, feeling, and their relations to general or normal mental life.

Text: McDougall, An Outline of Abnormal Psychology.

Prerequisite: Education 122 or 223-224.

332 Vocational and Educational Guidance Credits 3

A study of the theories and principles underlying a comprehensive program of vocational and educational guidance. The known techniques revealed by psychological research and the current practices in different countries are considered, with a view to the adoption of a feasible program of guidance for schools in China.

Text: Allen, Principles and Problems of Vocational Guidance.
Prerequisite: Education 223-224.

334 Psychology of Religion Credits 3

A psychological study of religious phenomena, such as the growth of religious consciousness, mysticism, asceticism, conversion, etc. Such problems as worship, prayer, and the hope of immortality will be dealt with. Identical with Philosophy 334.

Prerequisite: Education 122; Philosophy 331 (recommended).

421 History of Psychology Credits 3

A study of the development of psychology from early Greek to William James. References: Pillsbury, Boring, Murphy, Brett, Windelband.

Prerequisite: Education 122, 227-228.

422 Contemporary Schools of Psychology Credits 3

A survey of contemporary schools of psychology and a comparative analysis of the theories of the more important of these schools.

Prerequisite: Education 421.

429 Mental Hygiene Credits 3

A course dealing intensively with the problems of maladjustments and their prevention. Practical problems of maladjustment in the school, the family, occupations, and social relations are studied. Special attention is given to the psychological principles involved in each case.

Prerequisite: Education 329-330.

EDUCATIONAL ADMINISTRATION**241 Principles of Educational Administration Credits 3**

A general course dealing with the principles and practices of educational administration; the meaning of a national system of education and the theories underlying state control; the organization of education in a democracy; the relations of local and central agencies of control; educational finance; school publicity, etc.

Prerequisite: Education 201.

242 Educational Administration in China Credits 3

A special course dealing with the problems of educational administration in China. After a review of the historical development of educational administration in China with special attention to the changes of the last decade, the present forms of organization are studied, and practical problems are considered together with guiding principles for improvement.

Prerequisite: Education 241.

243 Administration of Elementary Schools Credits 3

This is a special course for those preparing for elementary school administration. A careful analysis is made of the various duties of the principal; and such problems as the organization of the school, the administration of staff and personnel, health and sanitary control, the organization of studies, the supervision of teaching, etc., will be taken up.

Texts: Cubberley, The Principal and his School; Cheng Chi Pao and Shen Lin Yuan, Administration of Elementary Schools.

Prerequisite (or corequisite): Education 241-242.

244 Administration of Secondary Schools Credits 3

A special course for those preparing for secondary school administration, with careful study of such problems as different types of secondary school organization, the curriculum, extra-curricular activities, personnel records, staff, housing, budgeting, etc.

Prerequisite (or corequisite): Education 241-242.

245 School Hygiene *Credits 3*

A special course dealing with the problems of school sanitation, such as: location and construction of school buildings; school desks, textbooks, etc.; medical inspection and detection of common physical defects and their prevention and cure; the hygiene of instruction, etc.

Prerequisite: Education 223-224.

342 Statistics *Credits 3*

A study of statistical methods commonly used in education and psychology. Practical exercises in the normal curve and the use of various measures.

Prerequisite: Education 223-224 or 227-228.

EDUCATIONAL METHODS**161 Educational Adjustment** *Credits 3*

An orientation course for freshmen dealing with educational and personal adjustments to college life. The course deals with the technique of study and with personal factors important to adjustment to college life and to personality development.

Required of all students.

174 Christian Education in Rural Service *Credits 2*

A course designed for students interested in rural work and service, particularly in boys' and girls' clubs, Sunday schools, vacation day-schools, popular education for illiterates and the like. Identical with Philosophy 144.

261-262 Methods of Teaching *Credits 3-3*

A general course in methods of teaching. Different types of teaching commonly used in schools are examined on the basis of the psychological and philosophical principles involved. General methods of teaching as well as methods of teaching special subjects will be considered.

Prerequisite: Education 223-224.

273-274 Character and Religious Education in Secondary Schools *Credits 3-3*

The course deals with the problems of character and religious education in the light of present conditions in China and of developments in the field of general education and character and religious education. The second semester's work emphasizes practical studies in connection with the middle schools of Foochow. Identical with Philosophy 243-244.

Prerequisite: Education 121.

275 Recreational Methods and Materials *Credits 2*

A study of the meaning of recreation with special attention to developing ability in recreation and familiarity with materials. The interests of the particular class will determine in part the emphases as to groups for which recreation materials of various kinds are fitted, whether children, youth or adults.

Prerequisite: Education 121.

281 Curriculum-making *Credits 3*

A general course with the purpose of acquainting the student with the general procedures of curriculum-making.

Prerequisite: Education 223-224.

361 Organizing and Teaching the Chinese Studies in the Secondary School *Credits 3*

A course in the teaching of Chinese and the organization of Chinese courses of study. Students electing this course should have a knowledge of educational psychology and general methods of teaching as well as a good foundation in the Chinese language and literature. Identical with Chinese 409.

Prerequisite: Education 223-224; also a minor in Chinese.

363 Methods of Teaching History *Credits 3*

A course for students preparing to teach history. Identical with History 402.

Prerequisite: Education 223-224; also a minor in History.

365-366 Organizing and Teaching the Science Studies in the Secondary School *Credits 3-3*

An intensive course specially designed to meet the needs of prospective science teachers. The course considers such practical problems as how to build up an up-to-date laboratory, what pieces of apparatus to buy with a limited budget, what materials to use for instruction, general methods of teaching, etc.

Prerequisite: Education 223-224; also a minor in one science.

375-376 Materials of Religious Education *Credits 2-2*

A course in curriculum materials and curriculum construction in Character and Religious Education, Fall semester: the principles of curriculum construction for character and religious education; spring semester: program planning for secondary school character education; the features in the total program of a school when organized for character education. Identical with Philosophy 343-344.

Prerequisite: Education 273-274.

381 The Elementary School Curriculum *Credits 3*

A course in the theories and practices of curriculum making on the elementary school level. Different methods of approach (such as job analysis, child-centered curriculum, etc.) are studied and compared. In view of such general principles the elementary school curriculum of present-day China will be examined critically.

Prerequisite: Education 281.

382 The Secondary School Curriculum *Credits 3*

The principles and practice of curriculum-making in the secondary school. The philosophical and psychological bases as well as the practical technique of curriculum construction for the secondary school will be considered.

Prerequisite: Education 281.

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DIRECTORY OF GRADUATES FOR 1933

NOTE: The B. A. degree has been awarded to the following:

1919

- Chou Cheng. Principal, San-San Middle School, Foochow.
 Huang Jen Sheng. Principal, Chip Bee Kindergarten Teachers' Training School, Amoy.
 Ting Wen Ts'ao.*
 Wu Chu K'uei. Asiatic Petroleum Company, Amoy.
 Yeh Nien Tzu. Foochow.

1920

- Ch'iu Hung Piao.**
 Hsu Shao Shan. Chinese Department, Municipal Council, Shanghai.
 Lin Ching Jung. M. A., Oberlin College; M. A., Harvard University; Graduate student, Columbia University and Drew University. President and Professor of Political Science, Fukien Christian University.
 Lin Jun Sheng. On the staff of Amoy University, Amoy.
 Lin Shih Tze. M. A., Ph. D., University of Iowa. On the staff of the University of Honan.
 Liu Ping Lun. On the staff of the Ministry of Railways, Nanking.
 Wang Chih Ch'ang. M. A., Oberlin College; Ph. D., University of Chicago. On the staff of the Central University, Nanking.
 Wang Sha K'ai. M. A., University of Southern California, Foochow.
 Wu Wen Ping. On the staff of the Middle School, Amoy University, Amoy.
 Yang Chung Lin. Shanghai.
 Yuan Teng Chi. Foochow.

*Deceased.

**No information.

(100)

1921

- Ch'en Hsi Hsiang. Graduate student, London University, London, England.
- Huang Chia Hui. General Secretary, National Anti-Opium Association, Shanghai.
- Wang Chia Shu. On the staff of the Young Men's Christian Association Middle School, Foochow.
- Wang Tiao Hsin. M. A., Cornell University. Assistant Professor of Chemistry, Fukien Christian University.

1922

- Chang Wei Ch'uan. On the staff of San-Min Middle School, Foochow.
- Ch'en Hsi En. M. A., Columbia University. Dean and Professor of Education, Fukien Christian University.
- Ch'en Hsin Yueh. M. A., Harvard University; M. A., University of Southern California. Lecturer in Economics, Fukien Christian University.
- Ch'en Teng Ao. On the staff of the Anglo-Chinese College, Foochow.
- Cheng Chu P'ei. On the staff of Hamilton Girls' Middle School, Hinghwa.
- Kao Wen Chen.* M. A., Oberlin College.
- Lin Ho Ch'eng. Graduate student, Yale University.**
- Lin Wen Chung. On the staff of the Anglo-Chinese College, Foochow.
- Sun Kuang Yu.*
- Tsao Chen Chou. Graduate student, Nanking Theological Seminary. On the staff of Fukien Christian University.
- Wu Chung Lin.*

1923

- Ch'en Tsu Kang. Graduate student, Northwestern University, Nanking.

*Deceased.

**No information.

- Ch'en Yuan Sheng.*
- Cheng Ch'in. On the staff of Hamilton Girls' Middle School, Hinghwa.
- Huang Yu. Shanghai.
- Lu Chin Sheng. On the staff of San-Min Middle School, Foochow.
- Wang Jen Lieh.*
- Wei Hsi Pen. B. D., St. John's University Theological School. Rector, All Saints Church, Shanghai.
- Wu Tsao Jen. M. D., Peking Union Medical College. On the staff of the Peking Union Medical College, Peiping. Harvard Medical School, Cambridge, Mass., U. S. A.

1924

- Ch'en Kuang Hsiang. Postal Savings Bank, Shanghai.
- Cheng Chia Hsun. On the staff of the Agricultural Middle School, Foochow.
- Cheng T'ien Kuei. Manila.
- Fang Hsi Chou. M. A., Ph. D., University of Iowa.**
- Hsu Tao Yu. Shanghai.
- Huang Fu Chi. On the staff of Hwa-Hsing Middle School, Hinghwa.
- Huang K'uei. On the staff of the General Post Office, Shanghai.
- Huang Yu Hsi. Northwestern University; M. A., New York University. On the staff of Amoy University, Amoy.
- Hung Hsin Heng. On the staff of the Anglo-Chinese College, Foochow.
- Kuo Nai Chi. Nanking.
- Kuo Nai Hsiung.**
- Li Pei Yu. M. A., Pacific College; Graduate student University of California. Berkeley, Calif., U. S. A.
- Lin Hsiao Mou. On the staff of San-San Middle School, Foochow.

*Deceased.

**No information.

- Lin Hsueh Chu. On the staff of the Customs House, Swatow.
- Shih Chia Chu. On the staff of Foochow College, Foochow.
- Wang Li Keng. M. D., Peking Union Medical College. On the staff of the Central Hospital, Nanking.
- Wu Tsao Lien. Manager, Nestlé Milk-Company, Foochow.

1925

- Chang Sheng Tsai. Amoy.
- Ch'en Hsin Tao. Ph. D., Harvard. On the staff of Lingnan University, Canton.
- Ch'en Ping En. On the staff of the Han-Chiang Customs House, Hinghwa.
- Ch'en T'ien Lien. On the staff of Guthrie High School, Hinghwa.
- Chuang Chu Lin. Graduate student, University of Michigan. Ann Arbor, Mich., U. S. A.
- Chuang Ch'uan Sheng. On the staff of the Normal School, Foochow.
- Hsieh Chen Ya. On the staff of the Normal School, Foochow.
- Huang Chia Li. Chinese Department, Municipal Council, Shanghai.
- Li Hsueh Kung. On the staff of the Anglo-Chinese College, Foochow.
- Lin Shao Ch'iu. Foochow.
- Lin Teng Shui.**
- Shih Yu Chung. M. A., Yenching University. Foochow.
- Wang Shih Ch'ang. M. A., Oberlin College. On the staff of the Fukien Provincial Government.
- Yang Ch'ang Tung. M. A., Yenching University; B. D., Yenching School of Religion. Graduate student, Drew University, Madison, N. J., U. S. A.

1926

- Chang Chuan Fu. On the staff of the Anglo-Chinese College, Amoy.

**No information.

- Chang Kuang Tou. On the staff of the Middle School of the University of Shanghai.
- Ch'en Mei Kuang. On the staff of Sin-Ting Girls' School, Foochow.
- Cheng Sze Ch'ing. Kuala Lumpur, F. M. S.
- Cheng Tso Hsin. M. A., D. Sc., University of Michigan. Assistant Professor of Biology, Fukien Christian University.
- Ch'eng Ying Shao. On the staff of San-Min Middle School, Foochow.
- Hung Fu. Ph. D., University of Paris. On the staff of Tsung-San University, Canton.
- Lin Chen Chih. Manila.
- Lin Mou Sheng. M. A., Oberlin College; Yale University; Graduate student, Chicago University, Chicago, Ill., U. S. A.
- Lin Pi. On the staff of the Provincial Junior Middle School, Hinghwa.
- Lin Wan Chung. Foochow.
- Liu Sung Tsing. On the staff of San-Min Middle School, Foochow.
- Yang Chen Sheng. On the staff of Foochow College, Foochow.
- Yang Wei Shu. Foochow.
- Yeh Kuang Heng.*
- Yeh Tsai Tzu. Postal Savings Bank, Shanghai.

1927

- Ch'en Hsi Cheng. M. A., Yenching University; B. D., Yenching School of Religion; Ph. D., Yale University. Lecturer in Economics, Fukien Christian University.
- Ch'en Hsuan Ch'ing. Foochow.
- Ch'en K'ai Hua. Foochow.
- Ch'en Ming Chien. Foochow.
- Ch'en Ping I. On the staff of the Young Men's Christian Association Middle School, Foochow.

*Deceased.

- Ch'en Wen Hsing. On the staff of the Anglo-Chinese College, Foochow.
- Ch'eng Cheng.*
- Cheng Ju Chao. On the staff of the Anglo-Chinese College, Foochow.
- Chiang Ting I. On the staff of the Agricultural School, Foochow.
- Hsueh Feng Yuan. On the staff of Tung-Wen Middle School, Foochow.
- Huang Chen Yung. Manila.
- Kuo Hsi Chieh.*
- Lai Ju Chi. On the staff of the Putien Normal School, Hinghwa.
- Lin Chu Jen. On the staff of The Amoy Daily, Amoy.
- Lin Hsueh Lei. On the staff of Wen-Shan Girls' Middle School, Foochow.
- Lin Kuang Pin. Graduate student, Yenching University; Principal, Ming-I Junior Middle School, Futsing.
- Lo Chen Hsia. On the staff of Guthrie High School, Hinghwa.
- Lu Tsung Hsin. On the staff of Talmage College, Changchow.
- Tuan Chen Hsing. Foochow.
- Yang Hsin Pao. Secretary, Fukien Christian University.
- Yeh Hua Fen. On the staff of Pei-Hong School, Malacca, S. S.

1928

- Chao Mei. Hopoh.
- Ch'en Kuang. Yenping.
- Ch'en Tze Tuan. M. A., Oberlin College; Graduate student, University of Pennsylvania, Philadelphia, Pa., U. S. A.
- Chen Wei. Oberlin College; Graduate student, Cornell University, Ithaca, N. Y., U. S. A.
- Cheng Ying Shih. Shanghai Medical College, Shanghai.
- Chiang Chi Tai. Foochow.
- Chin Yun Min. Associate Librarian, Fukien Christian University.

*Deceased.

- Hsiao Wen An. M. A., Yenching University, Peiping.
- Hsu T'ien Lu. Peking Union Medical College, Peiping.
- Li Chih An. On the staff of the Customs House, Hankow.
- Lin Chao Han. On the staff of the Provincial Agricultural School, Foochow.
- Lin Huai Yuan. Foochow.
- Lin Nai Ming. On the staff of Hai-Pin Girl's Middle School, Kulangsu, Amoy.
- Lo Wen Kuang. Hinghwa.
- Tai Hsin. On the staff of the District Junior Middle School, Hsienyu.
- Teng Shih Ying. On the staff of Tung-Wen Middle School, Amoy.
- Wang Yi Ching. Formosa.
- Wu Chi Shui. Tsingtao.

1929

- Ch'en Chuan. On the staff of the Department of Education, Provincial Government, Foochow.
- Ch'en Heng Ting. On the staff of Anglo-Chinese College, Foochow.
- Ch'en Wei Ju. On the staff of the Provincial Vocational Training School, Foochow.
- Cheng Ching Tuan. Graduate student, Yenching University. Instructor in Biology, Fukien Christian University.
- Ch'iu Shao Ling. St. John's Medical College, Shanghai.
- Hsu T'ien Chueh. On the staff of the Ministry of Railways, Nanking.
- Huang Chien Chung. On the staff of Tao-Shu Girl's Middle School, Foochow.
- Kuan Chi Fen.*
- Li I Ying. Instructor in Chemistry, Fukien Christian University.
- Lin Ping Huang. Graduate student, Nanking School of Religion, Nanking.

*Deceased.

Ting Pao Wen. Yenping.
 Wu En Hui. On the staff of Westminster College, Chuanchow.
 Yu Wen Wei. On the staff of St. Luke's Hospital, Hinghwa.
 Yuan Min Hsin. On the staff of Kwang-Fu Middle School, Foochow.

1930

Chang Tsung Liang. Graduate student, Yenching University.
 On the staff of the Technical School, Foochow.
 Ch'en Pi Chen. Yenping.
 Ch'iu Tao Ken. Graduate student, Yenching School of Religion.
 Principal, Tung-Jen Junior Middle School, Ing tai.
 Chou Chen Chiang. Amoy.
 Hsiang Hsiao Ting. On the staff of the Union Middle School, Foochow.
 Li Lai Yung. On the staff of Lingnan University, Canton.
 Lin Chao Wen. Graduate student, Yenching School of Religion, Peiping.
 Lin Chi Heng.**
 Lin Hsin Chia. On the staff of Guthrie High School, Hinghwa.
 Tsao Cheng Kuang. Foochow.
 Tung Chi Jen. Peiping.
 Wang Shen Hsing.**

1931

Cheng Teh Chao. On the staff of the Young Men's Christian Association, Amoy.
 Chou Teh Ko. On the staff of San-Min Middle School, Foochow.
 Huang Chang Hsien. On the staff of Guthrie Middle School, Hinghwa.
 Huang Chin Chen. Ynugchun.
 Huang Hung Min. On the staff of Westminster College, Chuanchow.

**No information.

Li Ting K'ang. Shanghai Medical College, Shanghai.
 Liu I Shu. Mintsing.
 Lu Tsung I. Graduate Assistant in Music, Fukien Christian University.
 Ma Hsi Peng. Shanghai.
 Wang Hsien Chen. Foochow.

1932

Chang Fu An. On the staff of Talmage College, Changchow.
 Chang Shih Sheng. On the staff of San-San Middle School, Foochow.
 Ch'en Chen Tung. On the staff of the Middle School, Lingnan University, Canton.
 Ch'en Min I. Hsienyu.
 Ch'en Tseng Hui. Public Library, Foochow.
 Cheng Fa Ping. Shanghai Medical College, Shanghai.
 Chiang Chung Ti. On the staff of San-Min Middle School, Foochow.
 Chiang Jen Yu. Graduate Assistant in Biology, Fukien Christian University.
 Hsu T'ao Yuan. Shanghai Medical College, Shanghai.
 Li Chih Chih. On the staff of Soan-Shih Middle School, Amoy.
 Lin Chi Ting. Assistant Librarian, Fukien Christian University.
 Lin I. Graduate student, Yenching University, Peiping.
 Lin Yu Lin. Principal, Talmage College, Changchow.
 Shen Hsien Tsung. Customs House, Amoy.
 Sung Shang Ho. On the staff of Talmage College, Changchow.
 T'ang Chung Chang. On the staff of the Technical School, Foochow.
 Wang Ch'i Ch'ang. Postal Savings Bank, Hankow.
 Wang Ching Yuan. On the staff of Westminster College, Chuanchow.
 Wu Shih Heng. Chuanchow.

1933

- Chang An Lan. Peking Union Medical College, Peiping.
 Chang Tao Min. On the staff of the Union Middle School, Foochow.
 Ch'en Kuo Tung. Foochow.
 Cheng T'ien Chi. Putien, Hinghwa.
 Cheng T'ien Hsi. On the staff of Trinity College, Foochow.
 Chou Kuo Shui. On the staff of the Foochow Middle School, Foochow.
 Kao Hsueh Chen. On the staff of the Technical School, Foochow.
 Lin Hsin Liang. Putien, Hinghwa.
 Lin Pi Chin. Peking Union Medical College, Peiping.
 Lin Tsing. On the staff of Fukien College, Foochow.
 Lin Tsung Ching. On the staff of the District Junior Middle School, Changloh.
 Lin Wei Chieh. Graduate Assistant in Chemistry, Fukien Christian University.
 Liu Ping Tuan. Foochow.
 Lu Mou Chu. On the staff of the Young Men's Christian Association Middle School, Foochow.
 Shen Sheng Yu. Principal, Anglo-Chinese College, Amoy.
 Sung Yung Ken. On the staff of the Young Men's Christian Association Middle School, Foochow.
 Tai Mai Lun. On the staff of Foochow College, Foochow.
 Tai Wen Sai. Graduate Assistant in Mathematics, Fukien Christian University.
 Tsai Chang Ping. On the staff of the Amoy Girls' Middle School, Amoy.
 Tsai Chao Yang. Yungchun.
 Tsai Chih Tseng. Student Secretary, Young Men's Christian Association, and Executive Secretary, Fukien Christian Student Union, Foochow.
 Tsai Hsueh Ping. Foochow.
 Wang Men Chau. On the staff of the Normal School, Foochow.

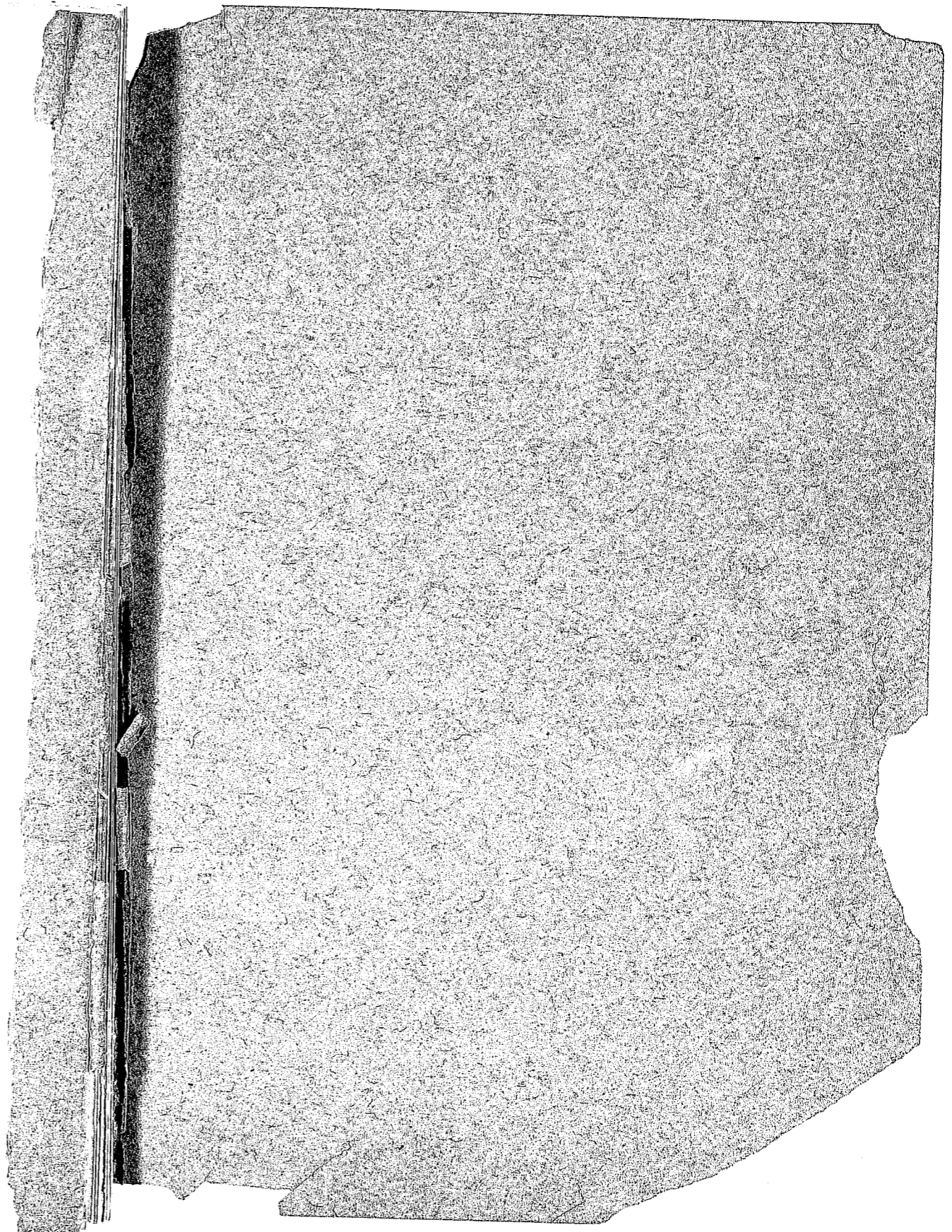
(109)

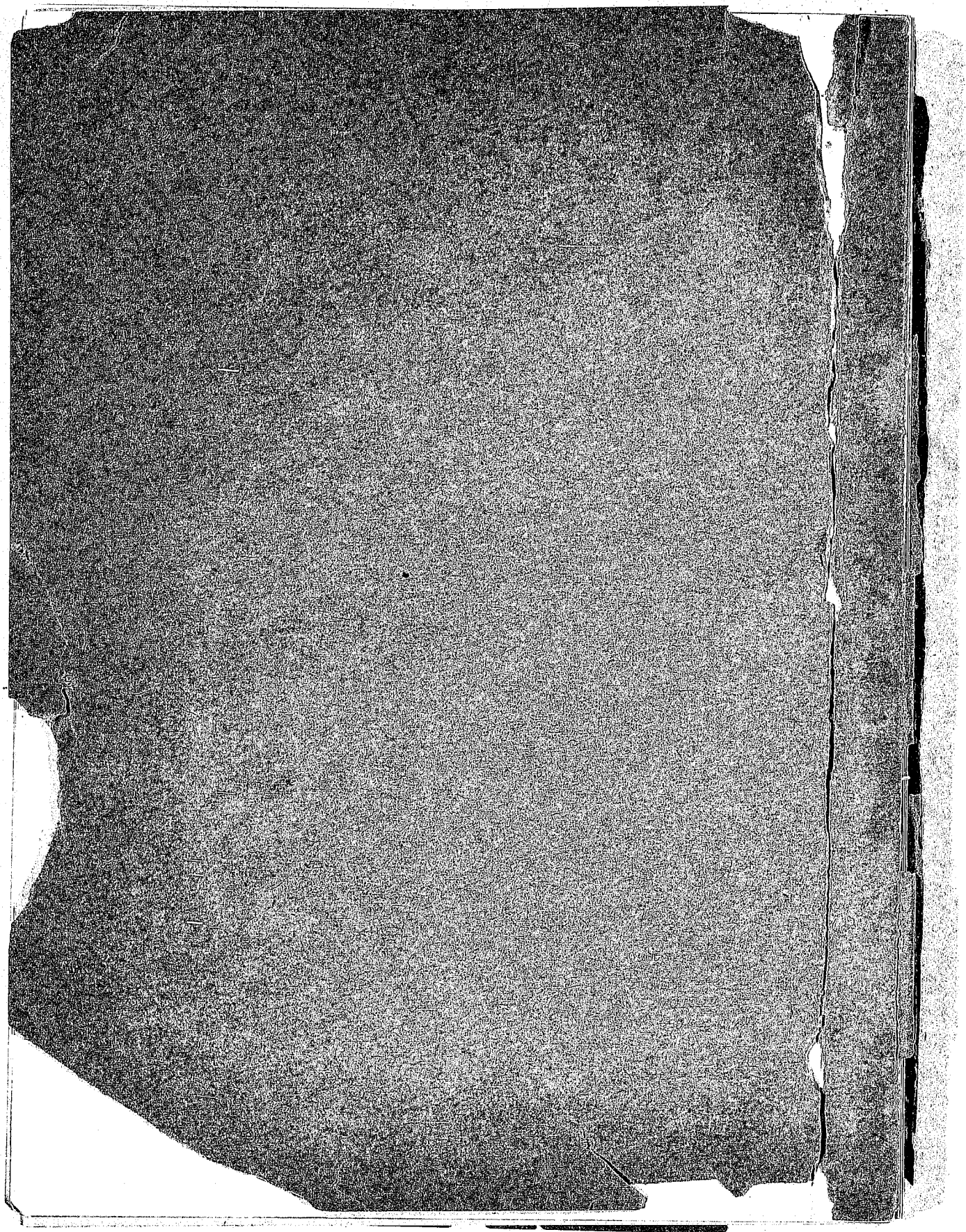
(110)

- Yang Kung Lin. Foochow.
 Yeh Huan Wu. Federated Malay States.
 Yen Chia Ho. Foochow.
 Yu Chen. On the staff of the Provincial Science Institute, Foochow.
 Yu Ching Nien. On the staff of Talmage College, Changchow.

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Handwritten text, likely bleed-through from the reverse side of the page. The text is faint and difficult to decipher but appears to be organized into several lines.





敬務處編印

私立福建協和學院課程一覽

中華民國二十九年

No. 1 list of courses - Fuzhou
109 2400 n.d. (1)

生物三七五	苔蘚植物學	三學分
生物三七四	細菌植物學	三學分
生物三七三	菌類植物學	三學分
生物三七二	藻類植物學	三學分
生物三七一	藥用植物學	三學分
生物三六五	藥用木學	三學分
生物三六九	醫用昆蟲學	三學分
生物三五七(八)	經濟昆蟲學	三學分
生物三五五(六)	普通昆蟲學	三學分
生物三五四	蟻形昆蟲學	三學分
生物三五三	寄生動物學	三學分
生物三五二	原生動物學	三學分
生物三五五	淡水生物學	三學分
生物三四六	人類學	三學分
生物三四五	獸類學	三學分
生物三四四	鳥類學	三學分
生物三四三	魚類學	三學分
生物三四二	生物統計學	三學分

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三 本系修業課程

生物三三七	優生學	二學分
生物三二七	植物生理學	四學分
生物三一八	植物生態學	三學分
生物三一七	植物解剖學	四學分
生物一〇三	植物切片學	二學分
化學二四一	共計六十七學分	七學分
生物四九七	有機化學	六學分
生物三六六	農業論	一學分
生物四四一	種子植物分類學	四學分
生物四四四	脊椎動物分類學	三學分
生物三三三	遺傳學	三學分
生物三三六	植物生理學	四學分
生物二二一	動物生理學	二學分
生物二二五	植物形態學	一學分
生物二四四	脊椎動物胚胎學	一學分
生物三三三	細胞組織學	四學分

(37)

植物四	二二	高級植物生理學	三學分
植物三	二二	細胞學	四學分
植物三	一〇	植物切片學	三學分
森林三	一〇	造林各論	三學分
森林三	一〇	普通森林學	三學分
畜牧二	一〇	普通家畜學	三學分
畜牧一	一〇	普通畜牧學	三學分
園藝一	一〇	普通園藝學	三學分
農藝四	九	繁殖學	一學分
農藝四	八	農田水利學	二學分
農藝三	七	農業工程學	三學分
農藝二	七	肥料分析學	三學分
農藝四	七	高級土壤學	三學分
農藝四	四	細胞傳導學	二學分
農藝四	三	高級作物育種學	二學分
農藝一	一	農產製造	三學分

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本系農藝系課程

三

農藝學 四學分

共計五十二學分

昆蟲三	五	昆蟲學	三學分
昆蟲三	五	普通昆蟲學	三學分
植物三	七	植物病理學	四學分
植物三	六	植物生理學	四學分
農藝四	八	農業文論	一學分
農藝四	八	農場管理	三學分
農藝三	七	肥料學	三學分
農藝二	七	土壤學	三學分
農藝三	四	農具學	二學分
農藝四	三	田間技術	二學分
農藝四	三	生物統計學	二學分
農藝三	三	作物育種學	四學分
農藝三	三	遺傳學	三學分
農藝四	一	作物計量學	一學分

一覽一程課

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海版雜誌：址

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