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COLLEGE FILES
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Hangchow
Academic
Catalogs, announcements
1921, 1922, 1925

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HANGCHOW CHRISTIAN COLLEGE

ANNOUNCEMENTS

1922-1923

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College Calendar

FALL SEMESTER, 1922

Aug. 1-16 Applications Received.
Aug. 17-18, Thursday-Friday. First Entrance Examination
Sept. 8-9, Friday-Saturday Second Entrance and
Condition Examination.
Sept. 12-13, Tuesday-Wednesday Registration.
Sept. 14, Thursday Classes Begin.
Oct. 5, Thursday Autumn Festival.
Oct. 10, Tuesday National Anniversary.
Oct. 17, Tuesday Confucius' Birthday.
Nov. 6, Monday Provincial Field Meet.
Dec. 23-25, Saturday-Monday Christmas Holidays.
Jan. 1, Monday New Year's Day.
Jan. 29-Feb. 2, Monday-Friday Examinations.
Feb. 3, Saturday Winter Recess Begins.

SPRING SEMESTER, 1923

Feb. 26-27, Monday-Tuesday . . . Entrance and Condition
Examination.
Feb. 27-28, Tuesday-Wednesday Registration.
Mar. 1, Thursday Classes Begin.
Apr. 5-7, Thursday-Saturday Spring Festival.
Apr. 21, Saturday College Field Day.
Jun. 18, Monday Summer Festival.
Jun. 23, Saturday Commencement Day.
Jun. 25-28, Monday-Thursday Examinations.
Jun. 29, Friday Summer Vacation Begins.

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Incorporation

Hangchow Christian College was incorporated in the United States of America under the laws of the District of Columbia, November 26th, 1920. The institution is represented in the U.S. by a Board of Trustees, six in number, chosen equally by the Northern and Southern Presbyterian Churches. These Trustees are represented in China by a Field Board of Control, known locally as the Board of Directors. The charter of incorporation grants full legal recognition and privileges to the institution, such as acquiring and holding property, carrying on various forms of educational activity, granting degrees, etc.

Trustees

NEW YORK BOARD

Dr. THOMAS H. P. SAILER.....	1926
Mr. DWIGHT H. DAY	1924
Rev. GEORGE T. SCOTT.....	1922

NASHVILLE COMMITTEE

Dr. EGBERT W. SMITH.....	1926
Dr. SAMUEL H. CHESTER.....	1924
Rev. JOSEPH C. REAVIS.....	1922

Faculty Organization

The President of the College and the members of the Faculty are elected by the Directors, subject to the approval of the two missions. The Faculty is responsible for the details of curriculum, discipline, examinations, employing of teachers, and the internal management of the institution.

Field Board of Control

Officers,

Rev. O. C. CRAWFORD, D. D.,	<i>Chairman.</i>
Mr. P. Y. CHEN,	<i>Vice-Chairman</i>
Rev. ANDREW V. WU,	<i>Chinese Secretary</i>
Rev. LOWRY DAVIS,	<i>English Secretary</i>

Members:

Central China Mission:

Rev. O. C. CRAWFORD, D. D.,	Soochow.
Rev. R. F. FITCH, D. D.,	Hangchow.
Rev. E. L. MATTOX, D. D.,	Hangchow.

Mid-China Mission:

Rev. P. F. PRICE, D. D.,	Nanking.
Rev. LOWRY DAVIS,	Kashing.
Mr. J. M. WILSON	Hangchow

Chinese Church:

Rev. M. K. CHOW (周梅閣),	Hangchow Presbytery.
Rev. K. T. YU (俞國楨),	Soochow Presbytery.
Rev. T. Z. ZIA (謝志詔),	Ningshao Presbytery.
Rev. H. K. PAO (包涵空),	Kashing Presbytery.

Alumni:

Mr. P. Y. CHEN (陳柏園),	Hangchow.
Rev. A. V. WU (吳維德),	Hangchow.

Co-opted:

Mr. E. E. Barnett,	Shanghai.
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Executive Committee:

Rev. O. C. CRAWFORD, D. D.,	Chairman.
Rev. ANDREW V. WU,	Chinese Secretary.
Rev. LOWRY DAVIS,	English Secretary.
Rev. M. K. CHOW.	

Faculty

Administration

ELMER L. MATTOX, M. A., D. D., *Acting President**

ANDREW V. WU, B. S., M. A. *Dean.*

DAVID K. CHEN, *Registrar and Assistant Treasurer.*

S. D. LEE

ARTHUR W. MARCH, Ph. B., M. A.

J. M. WILSON, C. E., *Superintendent Construction Bureau.*

L. S. CHEN

C. B. DAY, B. A.

✓ C. P. BARKMAN, B. A., B. D.

T. Y. NYIEN, *Chinese Secretary.*

EDWARD EVANS, JR., M. A.

✓ JAMES L. HOWE, JR., M. A., *English Secretary.*

Instruction

ELMER L. MATTOX, M. A., D. D., *Bible.*

Mrs. E. L. MATTOX, *Bible and English.*

S. D. LEE, Shantung Christian University, *Chemistry.*
(On leave 1922-3)

ARTHUR W. MARCH, Ph. B., M. A. *Biology and Astronomy.*

WARREN H. STUART, M. A., D. D., *Philosophy.*
(On furlough 1922-3).

Mrs. W. H. STUART, *English.* (On furlough 1922-3).

J. MORRISON WILSON, C. E., *Mathematics.*

K. G. CHU, Lin-sheng, *Chinese Language and Literature.*

L. S. CHEN, Hangechow Christian College, *Physics and Bible.*

CLARENCE B. DAY, B. A., *English* (On furlough 1922-3).

Mrs. C. B. DAY, *English.* (On furlough 1922-3).

CHARLES P. BARKMAN, B. A., B. D., *Bible and Social Science,*
(in Language School 1922-3).

EDWARD EVANS, JR., M. A., *Physics.*

D. K. CHEN, Hangechow Christian College, *Mathematics.*

T. Y. NYIEN, Hangechow Christian College,
Biology, Chemistry and Mathematics.

Z. S. WANG, Nanking Teachers' College,
Geography and History.

Y. S. CHANG, Lin-sheng,
Chinese Language and Literature and History.

S. D. DZU, C. E., *Engineer Construction Bureau.*

C. L. WANG, Hangechow Christian College, *Proctor.*

JAMES L. HOWE, JR., M. A., *Chemistry.*

EVA ATKINSON, B. A., *English.*

P. V. WU, *Office Secretary.*

V. T. LOH, *Assistant Librarian.*

ANDREW V. WU, M. A., *Bible.*

PAUL C. C. LU, M. A., *Education.*

✓ ROY S. LAUTENSCHLAGER, M. A., *Social Science.*

Mrs. R. S. LAUTENSCHLAGER, M. A., *English.*

Z. Y. TSEN, Lin-sheng, *Chinese Language and Literature.*

T. Z. KU, B. A., *Chinese Language and Literature.*

* ROBERT F. FITCH, M. A., D. D. has been elected
President and will assume office later.

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College Curriculum

General Statement.—The government system of 1911 is still followed, in accordance with which the college course is divided into Junior College (預科) of two years and Senior College (本科) of three years.

The recently proposed system, known as the "three-six" or "6-6-6" plan (i.e. six years of primary, six years of secondary and six years of higher education) will probably be put into effect in the fall of 1923.

The Junior College is intended both as a general cultural and scientific course beyond the Middle School, and also as a specific preparation for further study, either in our own or other schools.

The Senior College offers special training similar to that of standard colleges in China and America, with definite preparation for the profession of teaching.

Literary and Scientific Courses.—

Beginning with the second term of the First Year Junior College two parallel courses are offered, one emphasizing literary and humanistic studies, and the other stressing natural science. A student may not change from one of these courses to the other without express permission of the Faculty, and the making up of required subjects in the course chosen. The same division obtains in Senior College, where the courses lead to the degrees of B. A. and B. S. The Science course is further subdivided into two groups, Biology-Chemistry and Physics-Mathematics.

Units of Credit.—For graduation a total of not less than 168 credits is required, of which 72 must be for Junior College courses, and 96 for Senior College courses. Junior College courses are numbered 1—99, and Senior College above 100.

The unit of credit is the credit-hour, which is defined as one hour per week for a term. Laboratory and certain other forms of work require two hours for one credit-hour.

Admission to Advanced Standing.—Students who are graduates of affiliated Mission Middle Schools may be admitted to advanced standing on the following conditions:

1. Presentation of a written request from the principal of the school formerly attended.

2. Examination covering work for which credit is desired. Credit is given for courses taken in other schools that are equivalent to those offered in the Junior College.

3. Carrying of subjects not covered by credit as indicated above, in addition to the regular course. In this way exceptional students may receive the required number of credits and finish the College Course in four years instead of five.

Hangechow Construction Bureau

This Bureau was organized in 1920 by Mr. J. M. Wilson, C. E. and Mr. S. D. Dzu, C. E. The latter is a graduate of this college. The Bureau is a member of the Federated Building Bureaux of Shanghai.

The Hangechow Bureau has greatly increased its staff, and has already done an immense amount of satisfactory work for mission stations and others and is prepared to make surveys of land, draw plans for buildings, give technical advice, and superintend actual construction in this and neighboring provinces.

A reasonable charge is asked for this service, the proceeds of which above expenses go to provide equipment for the college.

All inquiries concerning the work of this department should be addressed to Mr. J. M. Wilson, Zakow, Che.

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Junior College

Credits

	Literary Course		Science Course	
	1st. year	2nd. year	1st., year	2nd. year
Bible	4	4	4	4
Biology	3	3	3	3
Chemistry	-	-	-	6
Chinese	6	6	5	4
English	14	10	12	10
Mathematics	4	-	4	6
Physics	8	-	8	-
Social Science	6	12	6	-
Electives	-	5	3	7
Total	45	40	45	40

A minimum of 72 credits of Junior College work is necessary for Certificate of Graduation.

Senior College

Credits

	Literary Course			Biol.-Chem. Group			Physics-Math. Group		
	1st.yr.	2nd. yr.	3rd.yr.	1st.yr.	2nd. yr.	3r.dyr.	1st.yr.	2nd. yr.	3rd.yr.
Bible	4	4	4	4	4	4	4	4	4
Biology	4	-	-	6	6	6	-	-	-
Chemistry	-	-	-	6	6	-	-	-	-
Chinese	2	6	6	6	6	6	6	6	6
Education	6	6	6	6	6	6	6	6	6
English	8	8	8	8	2	-	8	2	-
Mathematics	-	-	-	-	-	-	6	6	6
Physics	-	-	-	-	-	-	8	8	8
Social Science	8	6	-	-	-	-	-	-	-
Electives	6	6	6	2	6	8	-	4	-
Total	38	36	30	38	36	30	38	36	30

A minimum of 96 credits in Senior College courses is required for the degree of B. A. or B. S.

The accompanying tables of credits indicate in general the courses to be followed in the respective groups. They are not final and are subject to change by the faculty at any time. Students must consult with their faculty advisors in regard to their studies in order that a well-balanced course may be assured.

Description of Courses

BIBLE

Bible 1a-2b. Origin and Growth of the Hebrew and Christian Religions

This course considers the Hebrew and Christian religions from the philosophical and apologetic standpoint. Special reference is made to the chief evangelical doctrines. An endeavor is made to have the student meet the questions which a thinking mind inevitably raises, in an atmosphere of faith and intellectual honesty. Free discussion is encouraged. Papers on assigned topics.

Two hours a week, First Year, Junior College.

Text-book: Selections from the Old and New Testaments, with professor's notes and assigned reference reading.

Bible 11a-12b. Social Teachings of the Bible

This is an endeavor to apprehend and apply the ethics of the Bible to human relationships. The class is brought face to face with present social conditions in the world, and invited to solve social problems in the light offered by Jesus. Reference works are consulted and essays required.

Two hours a week, Second Year, Junior College.

Text-book: Selections from the Old and New Testaments, with the professor's notes and assigned reference reading.

Bible 101a-102b. Book Studies in the Old and New Testaments

This is an endeavor to familiarize the student with the literature of the English Bible in its broad meanings. Each of the more important books is analyzed and its *motif* discovered, and an effort made to bring to the student a lasting impression of its personal value to him.

Two hours a week, First Year, Senior College.

Bible 111a-112b. Comparative Religion

In this course a rapid review of the great ethnic religions is made, with a study of the underlying psy-

chological and philosophical principles. The neighboring religious institutions are visited and original research encouraged. The positive satisfactions of Christianity are brought forward, and every effort made to secure the student's intellectual and personal allegiance.

Two hours a week, Second Year, Senior College.

Text-book: Barton, "The Religions of the World."

Bible 121a. What is Christianity?

This is a course in the principal teachings of Christianity as to God, man, and the world, with a brief survey of the history of the Christian church, the development of sects, and the growth of modern missions. A large amount of reference reading is assigned and papers required.

Two hours a week, first term, Third Year, Senior College.

Bible 122b. Religious Psychology and Education

This course brings to the student some of the latest investigations in child nature and moral training; and aims to prepare him definitely for undertaking work along the lines of religious education.

Two hours a week, second term, Third Year, Senior College.

Text-book: Coe, "Education in Religion and Morals."

Biology

Biology 2a-11b. Physiology, Hygiene and Sanitation

This is intended to be a thorough, practical, scientific course in physiology, hygiene, and sanitation for the layman. The work consists of lectures, experiments, demonstrations, and assigned reading. Papers on assigned topics will be prepared by members of the class.

Three hours a week, second term of the First Year and first term of the Second Year, Junior College. Required of all students.

Text-book: Hough and Sedgwick, "The Human Mechanism."

Biology 12a. General Botany

This is a course consisting primarily of laboratory and field work. Special study is made of type forms and comparative morphology as a basis for classification. Practical applications are made to agriculture and forestry. Note-books and drawings are required.

Four hours a week, the second term, Second Year, Junior College. Required for science students of Biology Group.

Text-book: Gager, "Fundamentals of Botany."

Biology 101a. General Zoology

This course covers rapidly all the Branches of the animal kingdom. Laboratory and field work are emphasized and note-books and drawings required. Special study is made of type forms and their comparative anatomy.

Four hours a week, the first term, First Year, Senior College. Required for science students of Biology Group.

Text-book: Herrick, "Text-book of General Zoology."

Biology 111a-112b. General Biology

For students who have had little or no previous work in Biology

The object of the course is to acquaint the student with the methods of biological study and with fundamental principles underlying the science, and also with the lives of some of the men who have helped to advance it. Much laboratory work is given, and considerable reference reading, with full notes, is required.

Five hours a week (two double periods laboratory, one lecture) Second Year, Senior College. Elective for arts students only.

Text-book: Needham, "Biology."

Biology 113b-114c. Advanced Zoology

Students wishing to continue their studies in Zoology, with the idea of medical preparation or science teaching, are offered this course. The first semester covers Invertebrate Zoology, the second Vertebrate. With the lect-

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ures and laboratory work will be given training in preparation of microscopic specimens. A brief history of the science of Zoology will also be given. This course is open to science students who have taken Biology 101a.

Five hours a week, second year, Senior College.

Biology 121b-122c. Advanced Botany

The purpose and scope of this course correspond to those of the Advanced Zoology course described above. It includes a short course in the morphology, life history, and economic relations of some typical forms of Bacteria; and a study of the physiology, morphology, history, and classification of higher plants. Practice in preparation of specimens will be given. A brief history of the science of Botany is included. For science students who have taken Biology 12a.

Five hours a week, Third Year, Senior College.

Chemistry

Chemistry 11a-12b. General Chemistry

This is a course in general chemistry for colleges and is a prerequisite to all other college chemistry courses.

Three double periods a week, Second Year, Junior College.

Text-book: Howe, "Inorganic Chemistry".

Chemistry 101c-122d. Analytical Chemistry

Qualitative Analysis is studied the first semester and Quantitative Analysis the second semester.

Three double periods a week, First Year, Senior College.

Text-books: Howe, "Qualitative Analysis";
Talbot, "Quantitative Chemical Analysis".

Chemistry 107c-108d. Industrial Inorganic Chemistry

A study of the methods used in our modern chemical industries. The laboratory work takes up the preparation of many of the more important chemicals.

Three double periods a week, Second Year, Senior College.

Text-book: Thorpe, "Outlines of Industrial Chemistry".

Chemistry 111c-112d. Organic Chemistry

A study of the more important members of the aliphatic series and of aromatic compounds with laboratory work.

Three double periods a week, Third Year, Senior College.

Text-book: Moore, "Outlines of Organic Chemistry".

Chinese

Chinese 1a-2b. Literature and Composition

This is a course in literature of various styles, with a view to understanding the spirit and the structure of the best Chinese prose. Special attention is given to documentary and journalistic composition. An essay is required each week, for which two additional hours are allowed.

Three hours a week, First Year, Junior College.

Chinese 3a-4b. The Shu King (Book of History)

In this course the government, history, and philosophy of ancient China are examined, with a view to showing the student what is most worthy of imitation in early manners and morals.

Two hours a week, First Year, Junior College.

Chinese 11c-12d. Literature and Composition

A continuation of 1a-2b.

Three hours a week, Second Year, Junior College.

Chinese 13c-14d. The Li Ki (Record of Rites)

This course gives special attention to the ancient proprieties, as practised in the Chow Dynasty, as a stimulus to proper observances by the present-day student.

Two hours a week, Second Year, Junior College.

Chinese 101e-102f. Literature and Composition

A continuation of 11c-12d.

Two hours a week, Second Year, Junior College.

Chinese 111g-112h. Literature and Composition

A continuation of 101e-102f.

Two hours a week, Second Year, Senior College.

Chinese 121i-122j. Literature and Composition

A continuation of 111g-112h.

Two hours a week, Third Year, Senior College.

Chinese 113a-114b. History of Chinese Literature

This course studies the lives of the standard Chinese authors and the historical evolution of Chinese literature.

Three hours a week, Second Year, Senior College.

Chinese 121e-122d. History of Chinese Philosophy

A study of the principal schools of Chinese thought, especially as affecting religion, education, and social customs.

Three hours a week, Third Year, Senior College.

Education

Education 101a-102b. An Introduction to Psychology

In this course are taken up some of the modern methods of psychological research, an outline of the fundamental principles discovered by these methods, and some of their applications to the modern science of education.

Three hours a week, First Year, Senior College.

Text-book: Pillsbury "Psychology," supplemented by other references and experimental work.

Education 111c. Principles of Teaching

This is a course in the general principles of teaching necessary for all teachers, and is largely based on educational psychology.

Three hours a week, first term, Second Year, Senior College.

Education 112d. Methods of Teaching

This course studies some of the definite methods which have been found helpful in the teaching of particular subjects, especially in Middle Schools; and is designed especially for prospective Middle School teachers.

Three hours a week, second term, Second Year, Senior College.

Education 119c. History of Education

The aim of this course is to give the students a perspective of the development of education in the history of all civilized nations, in order to enable them to form educational policies and to reform educational practices.

Three hours a week, first term, Third Year, Senior College.

Text-book: Monroe, "History of Education, A Brief Course".

Education 121e. Religious Education

This course is designed as an introduction to the general principles of religious education, and their application to the religious needs of China. Especially designed for prospective ministers, Sunday School teachers, Y.M.C.A. leaders, or other Christian workers.

Three hours a week, first term, Third Year, Senior College.

Text-book: Coe, "A Social Theory of Religious Education."

Education 122f. Educational Sociology

An application of the principles of education and sociology to the needs of modern society.

Three hours a week, second term, Third Year, Senior College.

Text-book: Smith, "An Introduction to Educational Sociology."

English

English 1a-2b. Reading and Conversation

This is a course in standard English prose, with considerable time spent in reading aloud in class, and in conversational use of the new words and material covered.

Five hours a week, First Year, Junior College.

Text-book: Booker T. Washington, "Up From Slavery."

English 3a-4b. Composition and Rhetoric

In this course the material covered in English 1a-2b is referred to for vocabulary and style. Compositions are written each week under supervision.

Three hours a week, First Year, Junior College.

Text-books: Clippinger, "Written and Spoken English," Book I. Davis, "Practical Exercises"

English 11c-12d. Advanced Reading and Conversation

A continuation of English 1a-2b. The short story is studied by arts students, while a science reader is used by science students for practice in the use of scientific English.

Three hours a week, Second Year, Junior College. (In spring term arts students read five hours weekly).

Text-books: Campbell and Rice, "A Book of Narratives." Hart and Perry, "Representative Short Stories." Van Buskirk and Smith, "The Science of Everyday Life."

English 13c-14d. Composition and Rhetoric

Emphasis will be laid on weekly drill in written essays, and also on oral composition.

Three hours a week, Second Year, Junior College.

Text-book: Clippinger, "Written and Spoken English," Book II.

English 101a-102b. The Novel

The aim of the course is to cover several specimen novels, to give facility in rapid reading, to study the periods described, and to lay emphasis upon character and plot rather than upon grammatical construction.

Three hours a week, First Year, Senior College.

Text-books: Dickens, "Tale of Two Cities."
Eliot, "Silas Marner."
Howells, "The Rise of Silas Lapham."

English 103e-104f. Advanced Composition and Rhetoric

A final review and emphasis given to correct principles and practice in composition and rhetoric. Weekly essays required.

Two hours a week, First Year, Senior College.

Text-book: Herrick and Damon, "New Composition and Rhetoric."

English 111c-112d. History of English and American Literature

This course gives a survey of the literature of the two great English-speaking countries, with collateral reading required. An essay on some one author and his work, as well as shorter papers on the material covered are required each term. Occasional lectures and criticisms will be given.

Four hours a week, Second Year, Senior College. Required of arts but elective for science students.

Text-book: Long, "History of English and American Literature." Collateral reading done in Manly, "English Prose," "English Poetry," or other library selections.

English 113a-114b. Public Speaking

Aims to give facility and poise in public address. Study of the technique will be done in class, while exercises will be held in declamation, with individual drill.

One hour a week, Second Year, Senior College.

Text-book: Winans, "Public Speaking."

English 121e. The Drama

A careful reading of several selected Shakespearean and recent plays, with a brief study of the English drama, including notes on lectures and short written papers on assigned topics.

Three hours a week first term, Third Year, Senior College. Open to arts students only.

English 122f. Modern Authors

This is a reading course to give a general knowledge of some of the more influential of modern literary men and women of Europe and America. Assigned readings and lectures.

Three hours a week, second term, Third Year, Senior College.

English 123. Poetry

A reading course in representative English poems, with study of poetic forms.

Two hours a week first term, Third Year, Senior College. Elective, to arts students.

English 124. Translation

Special training for interpreting and translating, especially from Chinese into English; help in the acquisition of new terms.

Two hours a week, second term, Third Year, Senior College. Elective for arts or science students.

french

French 101a-102b

Grammar and easy reading exercises. Drill in grammar and construction with special emphasis on the verb, the object of the course being not only to open up to the student another foreign language, but also to enlarge his conception of the use of grammar.

Three hours a week, First Year, Senior College.
Text-books: French Grammar,
French Without Tears, I. & II.

French 111e-112d

A continuation of 101a-102b. Advanced grammar, and the rapid reading of a number of simple French classics.

Three hours a week, Second Year, Senior College.

German

German 103a-104b. Grammar

Simple Exercises and grammar. Early reading of easy texts with a view to building up a reading vocabulary.

Three hours a week, First Year, Senior College.
Text-book: Thomas, "German Grammar."

German 113c-114d. Reading

A course principally in scientific reading but including some more advanced grammar.

Three hours a week, Second Year, Senior College.

Mathematics

Mathematics 3a-4b. Plane and Spherical Trigonometry

Required of all students, whether in literary or scientific courses. Two hours a week, First Year, Junior College. 4 credits.

Text-book: Wentworth-Smith, "Plane and Spherical Trigonometry."

Mathematics 13c. College Algebra

Three hours a week first term, Second Year, Junior College. Required in all Science courses. 3 credits.

Text-book: Fite, "College Algebra."

Mathematics 14c. Surveying

Three hours a week, with field work, Second term, Second Year, Junior College. 3 credits.

Text-book: (to be selected.)

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Mathematics 103d-104e. Analytic Geometry

Three hours a week, First Year, Senior College.
Six credits.

Text-book: Smith and Gale, "New Analytic Geometry."

Mathematics 113f-114g. Differential and Integral Calculus

Three hours a week Second Year, Senior College.
Six credits.

Text-book: Love, "Calculus."

Mathematics 121c. General Descriptive

Three hours a week, with observatory work in addition, first term, Third Year, Senior College. 3 credits.

Text-book: Moulton, "Introduction to Astronomy."

Mathematics 122f. Astronomical Problems

Prerequisites. Analytic Geometry, and College Physics. A knowledge of Calculus and Surveying will be useful, though not required.

Three hours a week, second term, Third Year, Senior College. 3 credits.

Philosophy

Philosophy 111a-112b. History of Western Philosophy

This course comprises a study of the development of Western philosophic thought in relation to geographical, literary, and political history.

Three hours a week, the Second Year, Senior College.

Text-book: Roger, "A Student's History of Philosophy."

Philosophy 121c. Philosophical Problems

This course examines some of the more important questions that have arisen among Western students of philosophy, and the leading exponents *pro* and *con* in modern times, with a brief historical introduction.

Three hours a week, first term, Third Year, Senior College.

Text-book: Hibben, "Philosophical Problems."

Physics

Physics 1a, 2b. General Physics

Three hours classroom and two hours laboratory work a week, First Year, Junior College. 8 credits.

Text-book: Linebarger, "First Course in Physics."

Physics 101c. Light

Three hours classroom and three hours laboratory work a week, First Term, First Year, Senior College. 4 credits.

Text-book: Edser,—"Light for Students."

Physics 102c. Electricity and Magnetism

Three hours class room and three hours laboratory work a week, Second Term, First Year, Senior College. 4 credits.

Text-book: Hadley,—"Magnetism & Electricity."

PHYSICS 111c. HEAT AND THERMODYNAMICS

Three hours class room and three hours laboratory work a week, First Term, Second Year, Senior College. 4 credits.

Text-book: Edser,—"Heat for Advanced Students."

Physics 114d. Properties of Matter

Three hours class room and three hours laboratory work a week, Second Term, Second Year, Senior College. 4 credits.

Physics 121f. Electromagnetic Theory

Three hours a week, First Term, Third Year, Senior College. 3 credits.

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Physics 122h. Atomic Theory

Three hours a week, Second Term, Third Year Senior College. 3 credits.

Physics 123e-124g. Laboratory Practice

Six hours laboratory work a week, Third Year, Senior College. 4 credits.

To accompany Physics 121 and 122.

Note: Laboratory courses 123-124 must be taken with courses 121 and 122.

Social Sciences

Social Science 1a-2b. Ancient History

This course begins with a brief description of pre-historic times as revealed by modern archeological discoveries, and covers the history of the Egyptians, Babylonians, Assyrians and Persians; and the development of Greek and Roman civilization down to the fall of the Roman Empire. (The history of Eastern Asia and China is treated in the Chinese course.)

Three hours a week, First Year, Junior College.

Text-book: Breasted, "Ancient Times".

Social Science 11a-12b. Principles of Political Economy

This is a course in the fundamental principles of political economy, and is designed to give a foundation for later studies in Economics and Sociology. It also studies the economic condition of China, and the economic principles and policies which are most needed for the development of a democracy.

Three hours a week, Second Year, Junior College.

Text-book: Carver, "Principles of Political Economy".

Social Science 13c-14d. History of Modern Europe

This course begins with a brief description of conditions in Europe before and after the barbarian invasions and the fall of the Roman Empire in the West. The work of the first semester covers the period down to and including the Napoleonic wars. That of the second semester continues the work of the first and includes a study of the rise of the German Empire, united Italy, the Industrial Revolution, the causes leading up to the Great War, and a brief description of the conflict and the problems of the Peace Conference and the modern world.

Three hours a week, Second Year, Junior College.

Text-book: Robinson, "Mediaeval and Modern Times," with supplement on the Great War; and additional references for library work.

Social Science 103a-104b. History of China

This course is given in Chinese, and is required of all Senior College students.

Two hours a week, First Year, Senior College.

Social Science 101a-102b. Principles of Sociology

This is a general course in sociology covering the fundamental principles of the science and their application to conditions in China.

Three hours a week, First Year, Senior College.

Text-book: Hayes, "Principles of Sociology."

Social Science 111a-112b. American History

This course traces the rise and development of the United States as a nation, with particular emphasis upon the nature and value of democratic institutions.

Three hours a week, Second Year, Senior College.

Text-book: Fite "History of the United States."

Social Science 122f. Educational Sociology

Same as Education 122f.

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Middle School

Courses of Study

First Year

	<i>Hrs. per wk.</i>
Bible: The New Testament	2
Chinese: Composition 2 hrs., History 2 hrs., Classics 2 hrs., Language 3 hrs., Geography 2 hrs.	11
English: First Term, Graybill, "Mastery of English", Book III. 4 hrs., "Commercial Press Grammar", Book II. 4 hrs., Second Term, Baker and Thorndike, "Third Reader" 4 hrs., "Commercial Press Grammar", Book III. 4 hrs.	8
Mathematics: First Term, "Arithmetic" 5 hrs., Second Term, Wentworth, "Elements of Algebra" 5 hrs.	5
Total	26

Second Year

Bible: The old Testament	2
Chinese: Continuation of First Year	11
English: Baker and Thorndike, "Fourth Reader" 4 hrs., Gee, "Science Reader" Book II. 2 hrs., "Mother Tongue" Book II. 2 hrs.	8
Mathematics: Wentworth, "Elements of Algebra"	4
Science: Elementary Biology, laboratory work and lectures in hygiene and nature studies.	4
Total	29

Third Year

Bible: "The Life of Christ"	2
Chinese: Continuation of Second Year	11
English: Baker and Thorndike, "Fifth Reader" 2 hrs., Gee, "Science Reader" Book IV. 2 hrs., "Mother Tongue" Book II. 2 hrs.	6
Mathematics: Wentworth, "Plane and Solid Geometry"	4
Science: Black and Davis, "Practical Physics" ...	4
Total	27

Fourth Year

Bible: "The Book of Acts"	2
Chinese: Continuation of Third Year	9
English: Allen, "Asia" 4 hrs., Lewis and Hsieh, "Practical English for High Schools" 2 hrs. ...	6
Mathematics: Wentworth, "Plane and Solid Geometry" finished, 3 hrs., Book-keeping or other subject the rest of the year	3
Science: McPherson and Henderson, "First Course in Chemistry", with Laboratory Manual	4
Education: Thorndike, Education: "The First Book"	4
Total	28

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General Information

Entrance Requirements

1. Applicants must be at least fourteen years of age, and have the equivalent of a Higher Primary School education. For time of application and examination see calendar on page 1.

2. Applicants from other schools should bring diplomas and satisfactory statements as to grades and conduct.

3. A fee of one dollar is required from all taking the entrance examination. This should be accompanied by a photograph at least four inches long, of the applicant, and a statement of his antecedents and what he has previously studied.

4. Those desiring to enter the first year of the Middle School will be examined in Chinese composition, English, and arithmetic. They should be able to write an intelligible and legible Chinese composition of at least three hundred characters. The examination in arithmetic includes the four principles, fractions, decimals, and proportion; in English, a grammar and reader and the ability to carry on a simple conversation in English. Those desiring to enter more advanced classes will be examined in science, geography, and Chinese history in addition. Those failing to pass for any grade must be re-examined to enter the grade below. All examinations except English are in Chinese.

5. Any student presenting a diploma of graduation from an affiliated Mission Middle School will be admitted into the first year Junior College, with the understanding that if found unqualified he shall be put into a lower class. All others are admitted only upon passing a satisfactory examination covering in general the subjects of an ordinary Middle School Course.

6. Students failing to register and pay their semester dues on registration day will be charged one dollar additional. After three days, the fine becomes \$2.00. No students are received after two weeks have passed, except by special arrangement.

7. Each student admitted to the institution must present two papers promising to abide by the rules of the College, one signed by himself and the other by a responsible middleman.

8. Admission to classes is by card, which is only given after all classes are decided upon and all fees for the semester paid.

9. In assigning rooms, preference is given to all old students who ask for same before end of previous term, and pay the required deposit of \$6.00. All other students are given rooms in order of applications.

10. All students, both old and new, are given a physical examination at the beginning of the term.

Fees.

1. The annual charges are as follows:

Tuition	\$40.00
Board	40.00
Room and lights	10.00

Total..... 90.00

payable in two instalments of \$45.00 each.

2. An athletic fees of \$1.00 is collected from each student each semester.

3. Each student must be provided with such uniform and school garb as may be required. At present the initial cost is about \$15.00.

4. A library fee of \$1.00 is collected from each student each semester.

5. No money is returned to students who leave during the semester or who are expelled.

6. Students are held responsible for any damage inflicted by them on College property, and a deposit of \$6.00 is required from each student on entrance, to cover his share of loss or damage to College property.

7. A laboratory fee is required of all students taking Chemistry. This fee is payable at the beginning of each term.

8. All the above fees are payable on the registration day of each semester.

Examinations.

1. Final examinations are held at the close of each semester.

2. Mid-term tests are held at the discretion of the faculty. Any student who is absent from a mid-term test (except on college business) will not be allowed a re-

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examination, but will be given a mark equal to one half his daily grade for that time.

3. The passing grade is seventy-five per cent.

4. The final term grade is averaged from the daily grades of the term, counted as one-third, the combined grades of the tests, counted as one-third, and the final examination counted as one-third.

5. Students who are absent from a regular final examination or who fail to pass on the term's work, will not be allowed to continue their studies unless they make up the work and take an examination, before the beginning of the next semester. Special examinations on other dates are given only by permission and a fee of one dollar is charged.

6. Conditioned students, i.e., those who attain a grade of sixty or over for the term, but under seventy-five will be allowed a special examination at the beginning of the next semester—all others must take again the work in which they have failed. Those failing in three subjects will be put back one class.

7. Examinations to remove conditions can only be taken at the time of the fall entrance examinations (Sept. 8th and 9th, for 1922) and of the spring entrance examinations (Feb. 26th and 27th, for 1923).

8. Any student absent as much as one-third of the term will not be given credit for the term's work.

9. Absence from class, for any cause whether at the beginning of the term, or later, is counted as zero.

Graduation.

1. The course of study covers four years in the Middle School and two years in the Junior College, and three years in the Senior College.

2. Those who satisfactorily complete the Senior College curriculum will be given the B.A. or the B.S. degree; those who satisfactorily complete the work of the Junior College will be given a certificate.

3. Students for the ministry, who complete Junior College at Hangchow, and graduate from the course for Junior College graduates at the Nanking Theological Seminary, will be granted a B.A. degree from Hangchow College.

4. Those who satisfactorily complete the Middle School course of study will be given a Middle School diploma.

5. The Faculty reserve the right to withhold diplomas from those who in their opinion are not qualified for graduation, and to grant diplomas in exceptional cases where outstanding achievements may make up for slight irregularities in the course of study.

Conduct.

Few specific rules of conduct are made. All students are put on their honor and are supposed in all their dealings with teachers and fellow-students to deport themselves as gentlemen. They are expected to be courteous at all times, and to conduct themselves properly in class room, study hall, dormitory, and dining-hall and on the campus. All offenses against the rules, and absences from required exercises, will be strictly dealt with.

The use of improper language, tobacco, and wine, is forbidden.

Any student whose conduct is such as to hinder his own development or that of others is liable to demerits, suspension, or expulsion. Cheating in examination is considered unpardonable, and means instant withdrawal of the guilty party.

Religious Exercises.

Daily chapel exercises are held at which all students are required to be present.

There are two services on Sunday which all students are expected to attend; the morning preaching service and the Sunday Bible Class. Sunday is not counted as a holiday.

Each student must be provided with a Blodget and Goodrich Hymnal and a Mandrin Bible. These must be brought to all religious services at which attendance is required.

College Church.

A church has been organized in the College to which all students who are members of evangelical churches are expected to bring letters of dismissal.

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Young Men's Christian Association.

This Association is one of the oldest in China. A reception is tendered by the association to the new students at the opening of each semester. Bible-study classes are organized, and other forms of Christian work are carried on.

The Association has a reading room with a large number of valuable books and periodicals.

Library and Reading Room.

The College Library and Reading Room are open to the students every day, from 7.30 a.m. to 9.30 p.m.

Societies.

Literary and scientific societies are organized under the direction of the English and Science teachers. Two societies in the College Department are trained chiefly in English; two others in the Middle School use the Chinese language. Every student is expected to join one of these societies and take part in its exercises. Contests will be held near the close of each semester, and prizes offered to the winners.

Athletics.

Every effort is made to encourage physical development, and each student is required to take part in some form of athletics. Equipment has been provided for volley ball, basket ball, tennis, football, military drill, rowing, and track work. Match games are arranged under supervision of a committee representing students and faculty. The following are the faculty rules on athletics:

1. There shall be a committee known as the Faculty Committee on Athletics consisting of three members selected by the faculty.
2. The duty of this committee shall be to have general oversight of athletics in the College. This committee shall also be the final authority in all questions concerning athletics in the College.
3. Vouchers for all expenditures beyond those of a budget approved by the Faculty Committee on Athletics at the beginning of the term must be countersigned by the chairman of the Faculty Committee.

Medical Attendance.

The College provides medical inspection and medicines to all students without charge during the school year. Ordinary cases are treated at the College and patients requiring special care are sent to the mission hospital in the city.

Leave of Absence.

Leave of absence is granted only on written request from parent or middleman, sent to the President by mail. The reason for requesting leave of absence should be stated.

Mail Facilities.

The post office is in the nearest suburb of Hangchow known as Zakow and by special arrangement mail is collected and delivered at the College twice daily. All correspondence should be addressed care of Hangchow Christian College, Zakow, Che.

Railway Station.

Persons coming by the Shanghai-Hangchow Railway should purchase tickets to Zakow Station which is within thirty minutes' walk of the College (and not to the Hangchow City Station, six miles away). All baggage and freight should be sent to Zakow.

Loans and Scholarships.

All students are required by cash payment, work, loan, or scholarship to pay \$90.00 per year to the College for board and tuition.

Upon recommendation by his pastor or other reliable sponsor a student in the College Department may be allowed to borrow a limited sum toward his school fees to be repaid within five years after leaving the College.

There are annually granted in the College Department 12 scholarships of \$30, each to affiliated Middle Schools, as follows:

- Kashing High School.
- Vincent Miller Academy, Soochow.
- Lowrie Institute, Shanghai.

James Sprunt Academy, Kiangyin.
Presbyterian Academy, Ningpo.
Burton Memorial High School, Chinkiang.
Hsuehoufu Mission Middle School, Hsuehoufu.
Hangchow College Middle School.
Anding Academy, Hangchow.
Provincial Middle School, 2, Kashing.
Provincial Middle School No. 6, Taichow.
Provincial Middle School No. 7, Kihwa.

Nominations are made by the authorities of the respective Middle Schools, but recipients can only continue to hold the scholarships with the approval of the College Faculty.

In the Middle School there are granted annually five scholarships of \$30 each and five scholarships of \$40 each, until a total of twenty of each kind has been reached. These are awarded on the basis of attainment, good conduct, and need, and may be revoked at any time when such conditions cease to exist. The granting of loans to Middle School students is discouraged.

The sons of ministers and evangelistic workers of any evangelical denomination are entitled to free tuition; that is, are required to pay only \$50. per year.

The above-mentioned scholarships are made possible partly through the aid of the Ellen King Memorial Fund, gold \$2000 at 6%; the Stuart Norfleet Memorial Fund, gold \$4000 at 7%, and the William Bingham Lynch Memorial Fund, gold \$1500 at 3%; interest on which funds goes to help worthy students in this way. Also the Bethany Sunday School Fund.

Address all communications to
The President,
Hangchow Christian College,
Zakow, Che.

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HANGCHOW CHRISTIAN COLLEGE

ANNOUNCEMENTS



1925-1926

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College Calendar

1924-1926

FALL SEMESTER, 1924

- July 1-2, Tuesday-Wednesday First Entrance Examination
- Sept. 9-10, Tuesday-Wednesday Second Entrance and Condition Examination
- Sept. 11-13, } Thursday noon to Registration
 } Saturday noon
- Sept. 13, Saturday, 8:00 p.m. Opening Exercises
- Sept. 15, Monday, 8:00 a.m. Classes Begin
- Sept. 25, Thursday Confucius' Birthday
- Oct. 10, Friday National Holiday
- Nov. 5, Wednesday Provincial Field Day
- Dec. 22, Monday Winter Festival
- Dec. 25, Thursday Christmas Day
- Jan. 1, Thursday New Year's Day
- Jan. 12-16 Monday-Friday First Semester Examination
- Jan. 17, Saturday Winter Recess Begins
(Chinese New Year, Saturday, Jan. 24, 1925)

SPRING SEMESTER, 1925

- Feb. 10-11, Tuesday-Wednesday . . . Entrance Examination
- Feb. 12-14, } Thursday noon to Registration
 } Saturday noon
- Feb. 14, Saturday, 8:00 p.m. Opening Exercises
- Feb. 16, Monday, 8:00 a.m. Classes Begin
- Apr. 4-6, Saturday-Monday Spring Vacation

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Apr. 6, Monday Arbor Day and Alumni Meeting

May 2, Saturday College Field Day

May 6, Wednesday, 7:00 p.m. { Affiliated Middle School Chinese Oratorical Contest

May 7, Thursday, { Affiliated Middle School Field Day

May 7, Thursday, { Affiliated Middle School English Declamation Contest

June 13, Saturday Senior Examinations Begin

June 20, Saturday Commencement Exercises

June 19-25, Friday-Thursday... Final Examinations

June 26, Friday Summer Vacation Begins

FALL SEMESTER 1925

Sept. 3-5 Thursday-Saturday.. Entrance and Make-up Examinations

Sept. 10-12 { Thursday Noon to Saturday Noon .. Registration

Sept. 12 Saturday, 8:00 p. m. Opening Exercises

Sept. 14 Monday, 8:00 a.m. ... Classes Begin

Oct. 10 Saturday National Holiday

Oct. 14 Wednesday Confucius' Birthday

Nov. 5 Thursday Provincial Field Day

Dec. 25-26 Friday-Saturday... Christmas Recess

Jan. 1 Friday New Year's Day

Jan. 25-29 Monday-Friday..... Semester Examinations

Jan. 30 Saturday Winter Vacation Begins (Chinese New Year, Friday, Feb. 12)

SPRING SEMESTER 1926

Feb. 25-27 { Thursday Noon to Saturday Noon Registration

Feb. 27 Saturday, 8:00 p.m. Opening Exercises

Mar. 1 Monday Classes Begin

Mar. 6 Saturday Make-up Examinations

Apr. 5-6 Monday-Tuesday... Spring Recess

May 1 Saturday College Field Day

May 5 Wednesday, 7:00 p.m. { Affiliated Middle School Chinese Oratorical Contest

May 6 Thursday { Affiliated Middle School Field Day

May 6 Thursday 7:30 p.m. { Affiliated Middle School English Declamation Contest

June 10 Thursday Senior Examinations Begin

June 14 Monday Summer Festival

June 18 Friday Final Examinations Begin

June 19 Saturday Commencement

June 25 Friday Summer Vacation Begins

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Incorporation

Hangchow Christian College was incorporated in the United States of America under the laws of the District of Columbia, November 26, 1920. The institution is represented in the U. S. by a Board of Trustees, chosen by the Northern and Southern Presbyterian Mission Boards. These Trustees are represented in China by a Field Board of Control, known locally as the Board of Directors. The charter of incorporation grants full legal recognition and privileges to the institution, such as acquiring and holding property, carrying on various forms of educational activity, granting degrees, etc.

Trustees

Rev. S. H. CHESTER, D. D.,
156 Fifth Ave., No., Nashville, Tenn.
DWIGHT H. DAY,
156 Fifth Ave., New York, N. Y.
Rev. J. O. REAVIS, D. D.,
156 Fifth Ave., No., Nashville, Tenn.
T. H. P. SAILER, PH. D.,
156 Fifth Ave., New York, N. Y.
Rev. GEORGE T. SCOTT, D. D.,
156 Fifth Ave., New York, N. Y.
Rev. EGBERT W. SMITH, D. D.,
156 Fifth Ave., No., Nashville, Tenn.
EDWIN F. WILLIS,
156 Fifth Ave., No., Nashville, Tenn.
JOHN H. DEWITT,
Stahlman Building, Nashville, Tenn.

Faculty Organization

The President of the College and the members of the Faculty are elected by the Directors, subject to the approval of the Trustees. The Faculty is responsible for the details of curriculum, discipline, examinations, employing of teachers, and the internal management of the institution.

Field Board of Control

Officers

Rev. S. S. CHU	<i>Chairman</i>
Rev. LOWRY DAVIS	<i>Vice-Chairman</i>
Rev. JAMES Y. YEH	<i>Chinese Secretary</i>
Prof. A. W. MARCH	<i>English Secretary</i>

Members

Central China Mission

Rev. O. C. CRAWFORD, D. D.	Soochow
Rev. K. VAN EVERA	Hangchow
Prof. A. W. MARCH	Hangchow

Mid-China Mission

Rev. LOWRY DAVIS	Kashing
Rev. J. M. BLAIN, D. D.	Hangchow
Prof. EDWARD EVANS	Hangchow

Chinese Church

Rev. H. V. NYI	Hangchow Presbytery
Rev. S. S. CHU	Soochow Presbytery
Rev. T. W. BAO	Ningpo Presbytery
	Kashing Presbytery

Alumni

Mr. B. E. LEE	Shanghai
Rev. J. Y. YEH	Hangchow

Ex-Officio

Rev. E. L. MATTON, D. D.	Acting President
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Executive Committee

Rev. S. S. CHU
Rev. K. VAN EVERA
Rev. J. M. BLAIN
Rev. J. Y. YEH
Rev. LOWRY DAVIS

College Staff

1924-1925

Administration

Rev. R. F. FITCH, D. D.	President Elect
Rev. E. L. MATTOX, D. D.	Acting President
Rev. A. V. WU, M. A.	Dean
E. EVANS, M. A.	Acting Treasurer
K. L. WANG	Proctor
W. K. TSUN	Office Writer
K. V. CHAO	Treasurer's Assistant
Mrs. C. B. DAY	Librarian
Miss M. C. PARKER	Secretary to President

Faculty

E. L. MATTOX	C. P. BARKMAN
A. W. MARCH	E. EVANS
J. M. WILSON	A. V. WU
L. S. CHEN	R. S. LAUTENSCHLAGER
C. B. DAY	S. D. LEE

(To Serve in 1925-6)

P. P. PAN	T' IEN CHOW
W. M. COX	WALLACE KIANG
B. S. SIAO	

Instruction

Rev. ELMER L. MATTOX, M. A., D. D., *Bible and French.*
Mrs. E. L. MATTOX. *Bible.*
S. D. LEE (Resigned Dec. 1924). *Chemistry and Mathematics.*
ARTHUR W. MARCH, PH. B., M. A. *Biology and Astronomy.*
J. MORRISON WILSON, C. E. *Mathematics.*
Mrs. J. M. WILSON, C. E. *English.*
K. G. CHU, Lin-sheng. *Chinese Language and Literature.*
L. S. CHEN. Hangchow Christian College.
Physics, Bible, and Mathematics.

Rev. CLARENCE B. DAY, M. A. *English, Bible, and Philosophy.*
CHARLES P. BARKMAN, B. A., B. D. *Social Science.*
Mrs. C. P. BARKMAN. *English.*
EDWARD EVANS, M. A. *Physics and Mathematics.*
Y. S. CHANG, LIN-SHENG. *Chinese and Chinese History.*
A. V. WU, M. A., *Bible.*
Rev. S. LAUTENSCHLAGER, M. A.
History and Political Science.
Mrs. R. S. LAUTENSCHLAGER, M. A., *English.*
T. Z. KU, B. A. *Chinese Language and Literature.*
D. W. WALKER, B. A., *English.*
P. P. PAN, B. Sc., *Biology.*
W. M. COX, B. A., *Chemistry.*
P. S. SIAO, B. A., *Chinese Language and Literature.*
V. T. LOH, B. A., *History and Geography.*
Miss M. C. PARKER, B. A., *English.*
T' IEN CHOW, M. A., *Education.*
WALLACE KIANG, Ph. D., *Education.*
J. O. MALL, *English.*
T. G. MA., *National Language.*

Hangchow Christian College Construction Bureau

This bureau was organized in 1920 by Mr. J. M. Wilson, C. E. and Mr. S. D. Dzu, C. E. The latter is a graduate of this college. The Bureau is a member of the Federated Building Bureaux of Shanghai.

During the past five years, the bureau has grown rapidly and has done an immense amount of satisfactory work for mission stations and others, in this and in neighboring Provinces. It has drawn plans for and supervised the construction of college and middle school buildings, hospitals, churches, and residences, besides making surveys of land, and giving technical advice.

The income from this bureau has been set aside to provide equipment for the College.

Construction Bureau Staff

J. M. WILSON, C. E., *Superintendent*
S. D. DZU, C. E., *Assistant Superintendent*
W. S. YEH, C. E., *Head Draftsman*
T. K. CHANG, *Inspector*
P. V. CHANG, *Inspector*
M. S. DZU, *Draftsman*
K. F. WU, *Inspector*
D. K. SZE, *Draftsman*

Note:—This Department will be discontinued from July 1, 1925.

Affiliated Middle Schools

Kashing High School, Kashing.
Vincent Miller Academy, Soochow.
Lowrie Institute, Shanghai.
James Sprunt Academy, Kiangyin.
Ningpo Middle School, Ningpo.
Chinkiang High School, Chinkiang.
Julia Farrior Sanford, Memorial High School Sūchoufu.
Hangchow College Middle School, Hangchow.
Anding Academy, Hangchow.
Provincial Middle School No. 2, Kashing.
Provincial Middle School No. 6, Taichow.
Provincial Middle School No. 7, Kinhwa.

Accredited Junior Middle Schools

The True Model School, Hangchow.
The King Memorial School, Shaohsing.

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Entrance Requirements

1. Each student should write to the Dean for an application blank. This blank should be filled out and returned to the Dean not later than two weeks before the first date for registration.

2. A photograph, signed by the applicant and by the principal of the last school attended, should be sent *by the principal* with the application and records *direct to the Dean*.

3. An application fee of \$2.00 is required of all new students, and should accompany the application blank when sent to the Dean.

4. Admission by Examination.

(a) *College*. Applicants must present a diploma of graduation from a recognized Middle School. They will also be required to pass an examination in the following subjects, of which a syllabus will be sent on application:

Chinese Composition,
English,
Mathematics (Algebra and Geometry),
Physics or Chemistry.

(b) *Senior Middle School*. Applicants for admission to first year must pass an examination in the following subjects:

Chinese Composition, General Science,
English, Chinese History,
Arithmetic, Geography.

For admission to other years in the Middle School, applicants will be examined in the subjects covered in the year below, as given in this catalog.

5. Admission without Examination.

(a) *College*. Applicants must present a diploma of graduation from an *affiliated* Middle School, accompanied by a recommendation from the Principal and a record of grades, and of work covered.

(b) *Senior Middle School*. Applicants must present a certificate of graduation from an *accredited* Junior Middle School, accompanied by a recommendation from the Principal and a record of grades.

6. Each student admitted to the institution must present two papers promising to abide by the rules of the College, one signed by himself and the other by a responsible middleman.

Fees

1. The College year is divided into two semesters. The charges for each semester, payable at the time of registration, are as follows:

Tuition.....	\$30.00
Board.....	25.00
Room and Lights.....	5.00
Athletics.....	2.00
Library.....	1.00
Year Book.....	1.00
Deposit.....	6.00
Total.....	\$70.00

2. A student failing to register and pay his semester fees on registration day will be charged a fine of one dollar per day. No student is received after ten days except by special arrangement. A student unavoidably detained should send a letter of explanation addressed to the Dean, and accompany it with a payment of \$5.00 for his room. A room will then be reserved for him, and if he is subsequently not admitted, the \$5.00 will be returned to him.

3. In assigning rooms, preference is given to old students who ask for same before the end of the previous term, and pay the required deposit of \$5.00. All other students are given rooms in order of registration.

4. The bedrooms are provided with Yale locks. The students are given keys to the rooms assigned to them and are held strictly responsible for any damage inflicted by them on College property. The cost of such damage will be deducted from their deposit.

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5. The cost of textbooks and of laboratory fees for the Science course will be paid by the student in addition to the above fees.

6. At the close of the semester the balance of each student's deposit will be returned to him. No money is returned to students who leave during the semester or who are expelled, except this deposit.

Schedule of Laboratory Fees

College	
Biology 3 and 4	\$2.00 a term
Biology 113 and 114	3.00 a term
Biology 121 and 122	2.00 a term
Biology 123	2.00
Biology 131	3.00
Biology 141	5.00
Chemistry 11 and 12	5.00 a term
Chemistry 113 and 114	7.50 a term
Chemistry 116	5.00
Chemistry 123 and 124	5.00 a term
Physics 1 and 2	1.00 a term
Physics 101, 102, 103, and 104	1.00 a term
Middle School	
Physics	\$1.00 a term
Chemistry	3.00 a term

Admission to Classes

1. Each student must arrange with the Dean as to the classes he shall attend, who will provide him with an admission card.

2. Admission to classes is by card only, signed by the Dean, and is only given after all fees for the semester are paid.

Physical Examination

All students, both old and new, are required to take a physical examination at the beginning of each semester.

Scholarships and Loans

1. An annual scholarship of \$40.00 is offered to one graduate each year from each of the Senior Middle Schools affiliated with the College. These scholarships are for the four years of the College course. Candidates for this scholarship must have been recommended by the Principal of their school.

2. Provision has been made whereby a limited number of scholarships of \$40.00 or \$50.00 per year may be granted to students in the Senior Middle School.

3. The sons of preachers and Bible women of any evangelical denomination are given free tuition, that is, they are granted a reduction in fees of \$30.00 per semester.

4. These scholarships are made possible through the aid of the following funds: Ellen King Memorial Fund, G\$2000, at 6%; Stuart Norfleet Memorial Fund, G\$400, at 7%; William Bingham Lynch Memorial Fund, G\$1500, at 6%. There are also other funds available for the help of worthy students.

5. Upon recommendation by a pastor or other reliable person a student in the College may borrow a limited sum towards his school fees. Loans are not granted to Middle School students.

6. The continuance of all scholarships and loans depends upon the maintenance of a scholastic grade of not less than 78% (C or B), and of worthy conduct in all respects in the institution.

7. At least one hour's work per day and not more than two, may be required of all students receiving loans or scholarships, at the discretion of the College.

8. Credit will be allowed as per schedule, to count as repayment of loans, for work thus done.

9. Applications for scholarships or loans should be addressed to the President, and made well in advance of the opening of the term.

Prizes

1. A silver cup is given each year to the three students who excel in Athletics and in Chinese and English Orations.

2. The names of successful contestants in other activities are inscribed on two large silver cups and a shield given by alumni who have studied in America.

3. To encourage the electing of science courses, a prize of \$50.00 known as the Edward Evans' Memorial Prize, has been offered by Dr. D. J. Evans of Boston, which is awarded annually and equally divided between the students standing highest in each of the following courses: Physics 1, 2; Chemistry 11, 12.

Curriculum

1. *General Statement.*—In compliance with the new Government system the College offers four years of special training similar to that of standard colleges in China and America with definite preparation for the profession of teaching.

2. *Literary and Science Courses.*—In the College parallel courses are offered, one emphasizing literary and humanistic studies leading to the B. A. degree and the other stressing natural sciences leading to the B. S. degree. A student may not change from one of these courses to the other without express permission from the Faculty, and the making up of required subjects in the course chosen.

3. *Middle School.*—The College conducts a full Senior Middle School of three years with special emphasis on preparation for College.

4. *Credit.*—This is defined as one hour per week per term of regular classroom work. Laboratory and certain other forms of work require two to three periods for one credit.

5. *Method of Grading.*—

No.	Letter	%	Description
1	A	93-100	Excellent
2	B	85-92	Good
3	C	78-84	Fair (Average)
4	D	70-77	Poor
5	E	60-69	Condition
6	F	0-59	Failure

The passing grade is 70% (D or 4).

6. *Standing.*—A student having 40 credits is classified as a Sophomore.

A student having 80 credits is classified as a Junior.

A student having 120 credits is classified as a Senior.

7. *Physical Training.*—Each student is required to take systematic physical training under direction of the Faculty.

8. *Extra-curriculum Honor Points.*—

1. The criteria for judging honor-points shall be the time element, amount of responsibility, and efficiency of work involved in each activity.

2. A minimum of 24 points is required of all students who do four years of work, of which 4 points each must be obtained in Religious and Social Service, Literary, and Athletic Activities.

3. Special points may be allowed by Faculty to literary contributors and vacation welfare workers.

4. Point activities end on the day before the beginning of final examinations. No points will be allowed unless recommended by the specially appointed monitor for each organization, its presiding officer, and its faculty advisor to the Faculty before the close of semester.

Examinations

1. Final examinations are held at the close of each semester.

2. Mid-term tests are held at the discretion of the Faculty and announced a few days previously. Any student absent from a mid-term test (except on College business) will not be allowed a re-examination, but will be given a mark equal to one half his daily grade for the period covered by the test.

3. The passing grade is D or 70%

4. The final term grade is an average based on the the daily grades, the average of the mid-term tests, the final examination, and the teacher's estimate of the work done and the student's ability.

5. Any student who is conditioned in a course, receiving a grade of E (60-70% or 4) is expected to take a make-up examination at the beginning of the following term at the regular time set by the Faculty. If the student desires such an examination at any other time he may request the Faculty for a special examination for which a fee of one dollar is charged.

6. A student who fails in a required course will be expected to repeat the course at the first opportunity offered. He may, however, if he so desires, apply to the Faculty for permission to substitute another course in the same general field of study, or substitute double the number of credit hours in another field.

7. A student will be given a daily grade of zero for every absence, except on College business, from any course in excess of the number of hours per week the class meet in that course.

8. A student missing one third of the regular class work of a course cannot be given credit for the course.

Religious Exercises

All students are required to attend the regular chapel exercises on week days and the preaching service Sunday morning.

In addition to the above, every effort is made by students and teachers to meet their further religious needs by various voluntary religious meetings, such as the Bible Study classes under the Y. M. C. A., the English Vesper Service Sunday afternoon under the direction of the College Church, the regular Mid-week prayer-meeting, small prayer groups in students' rooms, and other gatherings as occasion may demand.

Requirements for Graduation

A. Candidates for either the B.A. or the B.S. degree must have complied with the following requirements:

1. They must have satisfactorily completed all the required courses as laid down in the Course of Study for their respective degrees, except as hereinafter provided.
2. Failure to pass in a required course necessitates repeating the course or obtaining double the number of credits in some other approved course.
3. A total of not less than 160 credits will be required for graduation of which not less than 80 credits must be taken in Upper Division courses, i.e., in courses numbered over 100, with such additional credits as may be required by condition 2, above.
4. An average standing of not less than C (78% or 3) will be required on the whole of the four years work.
5. They must have satisfactorily completed six semesters of physical training or athletics, as required by the Faculty.
6. They must have obtained a minimum of 24 honor points for extra-curriculum activities, as provided for in the schedule.

B. Students for the ministry, who complete the Sophomore year and graduate from the Advanced Course in the Nanking Theological Seminary, will be granted a B.A. degree from this College.

C. Students in the Senior Middle School who satisfactorily complete the Senior Middle School course, including athletics, and who obtain a minimum of 18 honor points for extra-curriculum activities, will be given a diploma of graduation from the Senior Middle School.

The Faculty reserves the right to withhold degrees or diplomas from those who in their opinion are not

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qualified for graduation, and to grant degrees or diplomas in exceptional cases where out-standing achievements may make up for slight irregularities in the course of study.

General Information

Conduct

Few specific rules of conduct are made. All students are put on their honor and are supposed in all their dealings with teachers and fellow-students to deport themselves as gentlemen. They are expected to be courteous at all times, and to conduct themselves properly in classroom, study hall, dormitory, dining-hall, and on the campus. All offenses against the rules, and absences from required exercises, will be strictly dealt with.

Gambling, improper language, and the use of tobacco and wine on the campus are forbidden.

Any student whose conduct is such as to hinder his own development or that of others is liable to demerits, suspension, or expulsion. Cheating in examination is considered unpardonable, and means instant withdrawal of the guilty party.

Religious Exercises

All students are required to attend the regular chapel exercises on week days and preaching service Sunday morning. All other religious exercises are voluntary.

College Church

A church has been organized in the College to which all students who are members of evangelical churches are expected to bring letters of dismissal.

Young Men's Christian Association

There are two Associations, one for College students and the other for Middle School students. A reception is tendered by the Association to the new students at the

opening of each semester. Bible-study classes are organized and other forms of Christian work are carried on.

The Association has an alcove in the College Library with a large number of valuable books and periodicals.

Library and Reading Room

The College Library and Reading Room is open to the students daily at hours posted.

Societies

Literary and scientific societies are organized under the direction of the English and Science teachers. Two societies in the College Department are trained chiefly in English; two others in the Middle School use the Chinese language. Every student is expected to join one of these societies and take part in its exercises. Contests will be held near the close of each semester and prizes offered to the winners.

Athletics

Every effort is made to encourage physical development, and each student is required to take part in some form of athletics. Equipment has been provided for volley ball, basket-ball, tennis, football, military drill, rowing, and track work. Match games are arranged under supervision of a committee representing students and faculty. The following are the faculty rules on athletics:

1. There shall be a committee known as the Faculty Committee on Athletics consisting of three members selected by the Faculty.

2. The duty of this committee shall be to have general oversight of athletics in the College. This committee shall also be the final authority in all questions concerning athletics in the College.

3. Vouchers for all expenditures beyond those of a budget approved by the Faculty Committee on Athletics at the beginning of the term, must be countersigned by the chairman of the Faculty Committee.

Medical Attendance

The College provides medical inspection and medicines to all students without charge, during the school year. Ordinary cases are treated at the College and patients requiring special care are sent to the C.M.S. Hospital in the City.

Leave of Absence

Leave of absence is granted only on written request from parent or middleman, sent to the President by mail. The reason for requesting leave of absence should be stated.

Mail Facilities

The post-office is in the nearest suburb of Hangchow known as Zakow and, by special arrangements, mail is collected and delivered at the College twice daily. All correspondence should be addressed care of Hangchow Christian College, Zakow, Che.

Railway Station

Persons coming by the Shanghai-Hangchow-Ningpo Railway should purchase tickets to Zakow which is within thirty minutes' walk of the College (and not to Hangchow six miles away). All baggage and freight should be sent to Zakow.

Courses of Study Required of all Students

LOWER DIVISION

Freshman

Subject	Course No.	Credits
Religious Instruction	1 - 2	2 - 2
Chinese	1 - 2	3 - 3
	3 - 4	
	31-32	
English	1 - 2	4 - 4
	3 - 4	2 - 2
History	3 - 4	3 - 3
Biology	3 - 4	4 - 4
Mathematics	2	3
* National Language	1	
† College Introduction		3
		<hr/> 21 - 21

* Students passing a satisfactory examination at the beginning of the term are not required to take this course.

† This is not required for graduation but is counted as an elective for freshmen.

Sophomore

Arts Required			Science Required		
Subject	Course No.	Cr.	Subject	Course No.	Cr.
Rel. Instr.	3 - 4	2 - 2	Rel. Instr.	3 - 4	2 - 2
Chinese	5 - 6	1 - 1	Chinese	11-12	
	11-12	1 - 1		33-34	2 - 2
	33-34	1 - 1	English	13-14	3 - 3
English	11-12	2 - 2	Economics	1	3
	13-14	3 - 3	Education	1	3
Economics	1	3	Physics	1 - 2	4 - 4
Education	1	3	Chemistry	11-12	4 - 4
History	11	5	**Mathematics	11-12	(3) (3)
Sociology	1	5			
					<hr/> 18-18
					or 21-21

** Required only of students intending to elect further courses in Physics.

UPPER DIVISION

Junior

Subject	Course No.	Cr.	Subject	Course No.	Cr.
Rel. Instr.	103-104	2 - 2	Rel. Instr.	103-104	2 - 2
Chinese	101-102	1 - 1	Chinese	131-132	1 - 1
	131-132	1 - 1	Education	123	3
English	101-102	3 - 3			
	105-106	2 - 2			3 - 6
Poli. Sci.	101	4			
History	101	3			
Education	101	3			
		12-16			

Senior

Subject	Course No.	Cr.	Subject	Course No.	Cr.
Chinese	111-112	1 - 1	Chinese	133-134	1 - 1
	133-134	1 - 1			
English	111-112	3 - 3			
Philosophy	111-112	3 - 3			
		8 - 8			1 - 1

Note: For the B.S. Degree a minimum of 16 Upper Division credits in each of two sciences is required.

Electives offered in Fall 1925

Subject	Course No.	Prof.	Title	Prereq.	Crs.
Astronomy	101	A.W.M.	General Descriptive	Math. 2 English 12	3
Astronomy	102	A.W.M.	Astronomical Problems	Math.104	3
Biology	121	A.W.M.	Botany	Biology 4	4
Biology	123	A.W.M.	Entomology	Biology 4	3
Chemistry	11	Cox	General Inorganic	—	4
Chemistry ^{1/2}	113	Cox	Qualitative Analysis	Chem.12	6
Chemistry	123	Cox	Organic Chemistry	Chem.12	4
Chemistry	115	Cox	Industrial Inorganic	Chem.114	3
Chinese	5		Sze King	—	1
Chinese	111		Literature	Chinese 12	1
Chinese	113		History of Chinese Lit.	Chinese 12	2
Chinese	121		History of Chin. Philos.	Chinese 12	2
Education	101	Chow	Educational Psych.	Ed. 1	3
Education	105	Kiang	Tests and Scales	Ed. 1	3
Education	103	Kiang	School Administration	Ed. 1	3
Education	107	Chow	Philosophy of Ed.	Ed. 104	3
Education	109	Chow	Elem.Sch.Course of St.	Ed. 1	3
English	11		Adv. Read. & Conver.	English 2	2
English	101	Day	The Novel	English 2	3
English	111	Day	Hist. of Literature	English 102	3
English	113	Day	Public Speaking	English 2	1
English	121	Day	Drama	English 14	3
English	123	Day	Poetry	English 14	3
French	101	E.L.M.	Beginning French	—	3
French	111	E.L.M.	Second Year French	French 102	3
History	11	C.P.B.	Ancient History	—	5
Mathematics	11	Wang	College Algebra	Math. 2.	3
Mathematics	113	Evans	Differential Calculus	Math. 12.	3
Philosophy	121	Day	Philosophical Problems	Phil. 112	3
Physics	1	Evans	General Physics A	—	4
Physics	101	Evans	Light	Phys. 2	4
Physics	106	Evans	Thermodynamics	Phys. 103	3
Political Sci.	101	R.S.L.	Ess. of Pol. Science	—	4
Political Sci.	104	R.S.L.	International Orgiz.	Pol.Sci.101 and 103	3
Rel. Instr.	111	Day	Comp. Religion	Rel.Inst.104	3
Rel. Instr.	113	Day	Spread of Christianity	Rel.Inst.104	3
Sociology	1	C.P.B.	Principles of Sociology	—	3

Electives Offered in Spring 1926

Subject	Course No.	Prof.	Title	Prereq.	Crs.
Biology	122	A.W.M.	Botany (Continued)	Biology 121	4
Biology	141	A.W.M.	Bacteriology	Biology 4	4
Chemistry	12	Cox	General Inorg. (Cont'd)	Chem. 11	4
Chemistry	114	Cox	Quantitative General	Chem. 113	6
Chemistry	116	Cox	Advanced Quantitative	Chem. 114	6
Chemistry	124	Cox	Organic Cont'd	Chem. 123	4
Chinese	6		Sze King Cont'd	Chinese 5	1
Chinese	112		Literature Cont'd	Chinese III	1
Chinese	114		History of Chinese Lit.	Chinese 113	2
Chinese	122		History of Chin. Philos.	Chinese 121	2
Economics	101	Barkman	Economic Problems	Econ. I	3
Education	102	Kiang	Methods of Teaching	Ed. I	3
Education	104	Kiang	History of Education	Ed. I	3
Education	106	Kiang	Curriculum Construc.	Ed. I	3
Education	108	Kiang	Stand. Tests & Scales	Ed. I	3
Education	123	A.W.M.	Science Teaching	Ed. 101 or 102	3
English	12		Adv. Read. & Conver.	English II	2
English	102	Day	The Novel C't'd'	English 101	3
English	112	Day	Hist. of Literature	English III	3
English	114	Day	Public Speaking Cont'd	English 113	1
English	122	Day	Modern Authors	Eng. 12,14	3
English	124	Day	Scientific English	English 14	3
French	102	E.L.M.	Beginning French C't'd'	French 101	3
French	112	E.L.M.	Second Year Fr. C't'd'	French III	3
Mathematics	12	Evans	Analytic Geometry	Math. 11	3
Mathematics	114	Evans	Integral Calculus	Math. 113	3
Physics	2	Evans	General Physics B	Phys. 1.	4
Physics	102	Evans	Mag. & Electricity	Phys. 2 Math. 12	4
Physics	107	Evans	Physical Optics	Phys. 101 Math. 113	3
Political Sci.	102	R.S.L.	Const. Devel. in China	Pol.Sci.101	3
Political Sci.	103	R.S.L.	Compar. Free Govern.	Pol.Sci.101	5
Rel. Instr.	112	Day	Comp. Religion Cont'd	Rel.Inst. III	3
Rel. Instr.	113	Day	Spread of Christianity	Rel.Inst. III	3

Description of Courses

Astronomy

Astronomy 101a. Descriptive Astronomy 3 cr.

Pre-requisite: Spherical Trigonometry.

Three hours a week, fall semester, with observatory and field work. Open to all Juniors and Seniors, Arts or Science.

Astronomy 102b. Astronomical Problems (see Math. 122b)

Biology

Biology 3a-4b. General Biology 4 cr.-4 cr.

This is a foundation course required of all college students. Fundamental principles of living organisms are taken up in an effort to help the student to understand the world about him and his relation to it. In the laboratory a study of common forms of life is made and on the field trips animals and plants are studied in their native environments.

Three recitations or lectures and one double laboratory period per week thruout the Freshman year.

Textbook: Woodruff, "Foundations of Biology"

Biology 113c. Invertebrate Zoology 4 cr.

An advanced course in invertebrate zoology for pre-medical students and teachers of Biology. Most of the time is given to the dissection and drawing of type specimens in the laboratory. Lectures and quizzes are given periodically.

Three double periods a week and one lecture period.

Textbook: Hegner, "College Zoology"

Pratt, "Laboratory Manual of Invertebrate Zoology"

References: Parker & Haswell, "Textbook of Zoology"
Thomson, "Outlines of Zoology"
Other works in the Library

Pre-requisite: Biology 3a-4b
Not offered in 1925-6

Biology 114c. Vertebrate Zoology 4 cr.

Covering the same ground as Biology 113c in Vertebrate Zoology

Three double periods a week and one lecture period.
Textbook: Hegner, "College Zoology"
Pratt, Laboratory Manual of Vertebrate Zoology
References as above
Pre-requisite: Biology 3a-4b.
Not offered in 1925-6

Biology 121c-122d. Advanced Botany 4 cr.-4 cr.

A thorough course in botany for pre-medical students and teachers of botany. Most of the time is given to laboratory work and field trips. The abundant material found in the River, streams, paddy fields and pools, and the West Lake furnish the basis of the work. Experiments in plant physiology, the preparation and study of microscopic slides and the collection of herbaria are features of the course.

One recitation and three double periods a week for two semesters.

Text-book: Ganong, "Botany for Colleges".

Reference: Ganong, "Plant Physiology" Strasburger, "Text-book of Botany", Curtis, "Nature and Development of Plants", Coulter, Barnes and Coules, "Text-book of Botany".

Prerequisite: Biology 13a-14b.

Biology 123c. Entomology 3 cr.

A study is made of the common insects of this region with special reference to their economic aspects. To this

end their anatomy, life history, distribution, adaptations and relations to animals and plants are taken up. Attention is given to recent methods of control.

Three hours a week lecture and recitation and one double period for laboratory work.

Textbook: Folsom: "Entomology, with Reference to its Ecological Aspects."

References: Kellogg: American Insects.

Comstock: Manual for the Study of Insects.

Biology 131c Embryology of the Chick 4 cr.

This is a course in the growth and development of the chick embryo. Much of the time in the first part of the course is devoted to the preparation of material, incubating eggs, preparing whole and sectional microscopical slides, in this way preparing the men to do work as students in medical school or independently as teachers of Biology. In the lectures and reference reading comparison is drawn between the development of the chick and that of the frog, pig and man.

One recitation or lecture and three double laboratory periods a week for one term.

References: Aery and Prentiss, "Text-book of Embryology."

Lillie: "Development of the Chick."

Minot, "Laboratory Text-book of Embryology."

Prerequisite: Biology 13a-14b.

Biology 141c Bacteriology 4 cr.

In this course a study is made of many of the common bacteria of air, soil, water, and of some of the pathogenic bacteria. The students prepare and sterilize culture media and make their own microscopic mounts. Emphasis is laid on laboratory technique.

One recitation or lecture and three double laboratory periods a week for one semester.

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Text-book: To be announced later.

Prerequisite: Biology 3a-4b.

Chemistry

Chemistry 11a-12b. General Inorganic Chemistry 4 cr-4 cr.

A course in General Inorganic Chemistry that is pre-requisite to all other college chemistry courses.

Three recitations a week.

Two double hour laboratory periods a week

Text: Smith, "General Chemistry for Colleges."

Chemistry 113c. Qualitative Analysis 6 cr.

A complete course in Qualitative Analysis which will include the methods for detecting the most common of the elements, both by blowpipe methods and the usual confirmatory methods Given in the fall semester.

Pre-requisite: Chemistry. 11, 12

One lecture and a minimum of ten laboratory periods a week.

Text: Noyes, "Qualitative Analysis."

Chemistry 114d. Quantitative Analysis 6 cr.

Both gravimetric and volumetric analysis are taken up in the spring semester. This course embraces all the principles of quantitative analysis.

Pre-requisite: Chemistry 113

One lecture and a minimum of ten laboratory periods a week.

Text: Talbot, "Quantitative Chemical Analysis."

Chemistry 115e. Industrial Inorganic Chemistry 3 cr.

A study of the practical methods of manufacture in our modern chemical industries.

Pre-requisite: Chemistry 113, 114

Three recitations a week.

Text: Thorpe, "Outlines of Industrial Chemistry."

Chemistry 116e. Advanced Quantitative Analysis 6 cr.

A study of the more common quantitative analyses used in modern commerce. The course will embrace the analysis of water, determination of nitrogen, viscosity and flash point of oils, analysis of fats and oils, and kindred subjects.

Pre-requisite: Chemistry 114

One recitation and a minimum of ten hours laboratory work a week.

Olsen, "Quantitative Chemical Analysis." and Reference Reading.

Given spring 1926

Chemistry 117-118d. Organic Chemistry 4 cr.-4 cr.

A thorough study of the aliphatic and aromatic series of compounds. It is advised that all men planning to study medicine should take this course before going to medical school. This is a full year's course. No credit for one term.

Pre-requisite: Chemistry 113

Two recitations and two double laboratory periods a week.

Text: Remsen and Orndorff, "Organic Chemistry"

Chinese

Chinese 1a-2b Selected Literature 1 cr.-1 cr.

國學 1a-2b 模範文

大學一年級 每週上課二小時

Chinese 9a-10b General Introduction to Chinese Learning

1 cr.-1 cr.

國學 9a-10b 國學治要

大學一年級 每週上課二小時

Chinese 11c-12d Selected Literature 1 cr.-1 cr.

國學 11c-12b 模範文
大學二年級 每週上課二小時

Chinese 13c-14d The Book of Poetry, the Book of Rites 1 cr.-1 cr.

國學 13c-14d 詩經 禮記
大學二年級文課 每週上課二小時

Chinese 103e-104f Poetry 1 cr.-1 cr.

國學 103e-104f 詩詞
大學三年級文課 每週上課二小時

Chinese 111g-112h Spring and Autumn 1 cr.-1 cr.

國學 111g-112h 春秋三傳
大學四年級文課 每週上課二小時

Chinese 113c-114d History of Chinese Literature 2 cr.-2 cr.

國學 113c-114d 文學史
每週上課三小時

Chinese 121c-122d History of Chinese Philosophy 2 cr.-2 cr.

國學 121c-122d 哲學史
每週上課三小時

Chinese 105c-106d Philology 2 cr.-2 cr.

國學 105c-106d 小學
每週上課三小時

CHINESE COMPOSITION 文課

Chinese 7a-8b Composition 1 cr.-1 cr.

國學 7a-8b
大學一年級 每週至少二小時

Chinese 17c-18d Composition 1 cr.-1 cr.

國學 17-c18b
大學二年級 每週至少二小時

Chinese 107e-108 -Composition 1 cr.-1 cr.

國學 107e-108b
大學三年級 每週至少二小時

Chinese 117g-118h Composition 1 cr.-1 cr.

國學 117g-118h
大學四年級 每週至少二小時

History 101c-102d History of Chinese Civilization 3 cr.-3 cr.

歷史 101c-102d 中國文化史
大學三年級文課 每週上課三小時

Economics

Economics 1 Elements of Economics. 3 cr.

An introductory course designed to acquaint the student with first principles, and to give foundation for later studies in Economics and Sociology.

Three hours a week fall semester.

Textbook: Ely and Wicker, "Elementary Economics," (revised edition).

Economics 101b Economic Problems. 3 cr.

The problems discussed are those of production and distribution, labor, agriculture, transportation, money, etc.; the problems of war from the economic standpoint. Assigned readings and discussions, occasional papers, etc.

Three hours a week in the Spring semester

Department of Education

Education 1 General Psychology. 3 cr.

A general introductory course giving a brief survey of the scope of psychology and a specific treatment of sensory experience. The principles of psychology, such as memory, imagination, perception, and reasoning are especially presented and applied in education.

Required of all Sophomores

Text: Woodworth: Psychology

Three hours a week.

Education 101 Education Psychology 3 cr.

A study of the learning process, factors and conditions of improvement changes in the rate and permanence of improvement, individual differences their nature, cause, and practical significance for school officers.

Prerequisite: Ed. 1

Text: Thorndyke: Educational Psychology (Briefer course)

Three hours a week.

Education 102 Methods of Teaching 3 cr.

This course considers general principles of method, motivation of work, training in expression, drill and practice lessons, the use and abuse of question and answer methods of instruction, proper use of text books laboratory methods of measuring progress, etc.

Prerequisite: Education 1

Text Colvin: Introduction to High School Teaching

Three hours a week

Education 103 History of Education 3 cr.

This is a study of the educational ideas, practices and institutions among the more prominent nations of the past as illustrated by China, Greece, Rome, and the people of western Europe down to the Renaissance. Then a study

of the development of educational theory and practice since the Renaissance with special reference to the development of modern school systems and the application of the experience of the past to the problems of the present.

Prerequisite: Education 1

Text: Graves: History of Education

Three hours a week

Education 104 School Administration 3 cr.

This is a study of the methods and problems in organizing a school. The advantages of centralization and decentralization in educational control are discussed. The problems of school finance, selection and promotion of teachers, supervision, course of study, grading and promotion of pupils, records and reports, school building program, etc. will be considered.

Prerequisite: Education 1

Text: Cubberly: Public School Administration

Three hours a week

Education 104 Supervision of Instruction 3 cr.

In this course is taken up a study of the problems of supervision, the relations of principals with supervisors and teachers, an investigation of the problems of supervision as it affects teaching and school efficiency.

Prerequisite: Education 1

Text: Nutt: Supervision of Instruction

Three hours a week

Education 105 Curriculum Construction 3 cr.

This is a study of the theoretical and practical considerations involved in the selection and organization of subject matter in the middle school. Objectives, time allotment, common and differentiative curricula will be carefully discussed.

Prerequisite: Education 1

Text: Clement: Curriculum Making

Three hours a week

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Education 106 Philosophy of Education**3 cr.**

Lectures, readings and discussions. In this course education will be studied as a social agency in relation to other factors at work in China. Effort will be made to construct a satisfactory working theory of democratic education, considering such topics as the nature of education, the principles of the curriculum and the bases of method.

Prerequisite: Education 1 and 103

Text: Dewey, Democracy and Education

Three hours a week

Education 107 Standard Tests and Scales**3 cr.**

A study will be made of the development and use of tests and scales as scientific means of measuring improvements of learning in elementary and junior middle schools. It will involve a survey, first, of the tests in use in the schools in America that may be adapted to instruction in China; second, of the tests already in use in China or under construction.

Prerequisite: Education 1

Text: Mcuroe, Devoe, and Kelley: Educational Tests and Measurements

Three hours a week

Education 108 Elementary School Course of Study**3 cr.**

This is a study of the principles of elementary education and their relations with curriculum making and elementary schools in China. The study of subject matter thru specific projects with emphasis upon the work of lower elementary schools. The course includes a survey of suitable subject matter in the Chinese National Reader, geography, history, arithmetic and nature study. The relation of these subjects to higher elementary schools and junior middle schools is considered.

Prerequisite: Education 1

Text: Bonser: School Curriculum

Three hours a week

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Education 123 The Teaching of Science**3 cr.**

This course covers the theory and practice of science teaching in the middle school, including selection of material, its organization and presentation, projects, and lesson outlines. It also includes choice of textbooks, ordering of apparatus, and arrangement of laboratories. The following sciences are taken up in detail: geography, physics, chemistry, biology, general science, and mathematics.

Prerequisite: Education 1 and 102

Text: Twiss: Science Teaching

Three hours a week

English**English 1a-2b. Reading and Conversation****4 cr.-4 cr.**

This is a course in standard English prose, with considerable time spent in reading aloud in class, and in conversational use of the new words and material covered.

Five hours a week

Text-book: Ashmun, "Prose Literature"

English 3a-4b. Composition and Rhetoric**2 cr.-2 cr.**

In this course the material covered in English 1a-2b is referred to for vocabulary and style. Compositions are written each week under supervision. Drill is also given in declamation.

Three hours a week.

Text-book: Ball, "Construction English."

English 11c-12d. Advanced Reading and Conversation**2 cr.-2 cr.**

A continuation of English 1a-2b.

Three hours a week.

Text-books: Campbell and Rice, "A Book of Narratives," Hart and Perry, "Representative Short Stories."

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English 13c-14d. Composition and Rhetoric 3 cr.-3 cr.

Emphasis will be laid on weekly drill in written essays and also on oral composition and declamation.

Three hours a week.

Text-book: Herrick and Damon, "New Composition and Rhetoric."

English 101a-102b. The Novel 3 cr.-3 cr.

The aim of the course is to cover several specimen novels, to give facility in rapid reading, to study the periods described, and to lay emphasis upon character and plot rather than upon grammatical construction.

Three hours a week.

Text-books: Dickens, "Tale of Two Cities,"

Eliot, "Silas Marner,"

Library Selections.

English 105e-106f. The Essay 2 cr.-2 cr.

Two hours a week.

Text-book: Tanner, "Essays and Essay Writing."

English 111c-112d. History of English and American Literature 3 cr.-3 cr.

This course gives a survey of the literature of the two great English-speaking countries, with collateral reading required. Frequent papers on the material covered are required each term. Occasional lectures and criticisms will be given.

Four hours a week.

Required of arts, but elective for science students.

Text-book: Long, "History of English and American Literature."

English 113a-114b. Public Speaking 1 cr.-1 cr.

Aims to give facility and poise in public address. Study of the technique will be done in class, while exercises will be held in declamation, oration, and interpreting, with individual drill.

One hour a week.

English 121e. The Drama 3 cr.

A careful reading of several selected Shakespearean and recent plays with a brief study of the English drama, including notes on lectures and short written papers on assigned topics. Elective for arts students.

Three hours a week, fall semester.

Text-books: Shakespeare, "Merchant of Venice"
Sheridan, "The Rivals".
Library Selections.

English 122f. Modern Authors 3 cr.

This is a reading course to give a general knowledge of some of the more influential of modern literary men and women of Europe and America. Assigned readings and lectures. Elective for arts students.

Three hours a week, spring semester.

English 123e. Poetry 2 cr.

A reading course in representative English poems, with study of poetic forms.

Two hours a week, fall semester. Alternative elective to 121e. Open to arts students.

English 124c. Scientific English 2 cr.

A course of reading and writing technical English, aimed to assist students in accurate expression of scientific ideas in clarified language. Open to Juniors and Seniors in science.

Two hours a week, one semester.

French

French 101a-102b. Grammar 3 cr.-3 cr.

Grammar and easy reading exercises. Drill in grammar and construction with special emphasis on the verb, the object of the course being not only to open up to the student another foreign language, but also to enlarge his conception of the use of grammar.

Three hours a week.

Text-books: Fraser and Squair, "New French Grammar," Lazare, "Lectures Faciles,"

French 111c-112d. Reading 3 cr.-3 cr.

A continuation of 101a-102b. Advanced grammar, and the rapid reading of a number of simple French stories.

Three hours a week.

Note: No credit at all given in French for less than 4 courses.

History

History 3a-4b. History of Modern Europe 3 cr.-3 cr.

This course begins with a brief description of conditions in Europe before and after the barbarian invasions and the fall of the Roman Empire in the West. The work of the first semester covers the period down to and including the Napoleonic wars. That of the second semester continues the work of the first and includes a study of the rise of the German Empire, united Italy, the Industrial Revolution, the causes leading up to the Great War, and a brief description of this conflict and the problems of the Peace Conference and the modern world.

Three hours a week, thruout the Freshman year.

Text-book: Robinson, "Mediaeval and Modern Times," with supplement on the Great War, and additional references for library work.

History 11a. Ancient History 5 cr.

This course begins with a brief description of pre-historic times as revealed by modern archeological discoveries, and covers the history of the Egyptians, Babylonians, Assyrians and Persians, and the development of Greek and Roman civilization down to the fall of the Roman Empire. (The history of Eastern Asia and China is treated in the Chinese course)

5 hours per week, fall semester, Sophomore, year.

Text-book: Breasted, "Ancient Times."

History 111 American History 4 cr.

This course traces the rise and development of the United States as a nation, with particular emphasis upon the nature and value of democratic institutions.

Four hours a week.

(Text-book to be selected.)

Mathematics

Mathematics 1a General Mathematics 4 cr.

A course designed for arts students who do not intend to study advanced mathematics and intended to give them a knowledge of such mathematics as will prove of the greatest benefit to them.

Text-book: McLenon: Introduction to the Functions.

Four hours a week, spring semester, Freshman Year.

Alternative with Math. 2a

Mathematics 2a. College Trigonometry 4 cr.

A course including both Plane and Spherical Trigonometry. Four hours a week, spring semester.

Textbook: Wentworth-Smith, Plane and Spherical Trigonometry.

Alternative with Math. 1a

Mathematics 11b. College Algebra 3 cr.

Three hours a week, fall semester. Required of all students taking advanced Mathematics or Physics.

Textbook: Reitz and Crathorne, College Algebra

Mathematics 12c. Analytic Geometry 3 cr.

Three hours a week, spring semester. Required of all students taking advanced Mathematics or Physics.

Textbook: Smith & Gale, New Analytic Geometry.

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Mathematics 113d. Differential Calculus 3 cr.

Three hours a week, fall semester.
Textbook: Love, Calculus.

Mathematics 114e. Integral Calculus 3 cr.

Three hours a week, spring semester.
Textbook: Love, Calculus.

Mathematics 121f. Mechanics 3 cr.

Three hours a week, fall semester.
Textbook: Hancock, Mechanics for Engineers.

Mathematics 122b. Astronomical Problems 3 cr.

Three hours a week, with practical work with sextant and in observatory, in conjunction with Astronomy department.

Prerequisite: Astronomy 101

Textbook: Campbell, Elements of Practical Astronomy.

Philosophy

Philosophy 111a-112b. History of Western Philosophy 3 cr.-3 cr.

This course comprises a study of the development of Western philosophic thought in relation to geographical, literary, and political history.

Three hours a week.

Text-book: Roger, A Student's History of Philosophy.

Philosophy 121c. Philosophical Problems 3 cr.

This course examines some of the more important questions that have arisen among Western students of philosophy, and the leading exponents *pro* and *con* in modern times, with a brief historical introduction.

Three hours a week, fall semester.

Text-book: Hibben, Philosophical Problems.

Physics

Physics 1a. General Physics A 4 cr.

A course covering Mechanics, Properties of Matter, and Heat.

Three hours classroom and three hours laboratory work a week, fall semester.

Textbook: Stewart, Physics, A Textbook for Colleges.

Physics 2b. General Physics B 4 cr.

A continuation of Physics 1, covering Wave-motion, Sound, Light, Electricity and Magnetism.

Three hours classroom and three hours laboratory work a week, spring semester.

Textbook: Stewart, Physics, A Textbook for Colleges.

Physics 101c. Light 4 cr.

Three hours classroom and three hours laboratory work a week, fall semester.

Textbook: Edser, Light for Students.

References: Millikan & Mills, Electricity, Sound and Light.

Prerequisite: Mathematics 12

Physics 102c. Magnetism and Electricity 4 cr.

Three hours classroom and three hours laboratory work a week, spring semester.

Textbook: Hadley, Magnetism and Electricity.

References: Millikan & Mills, Electricity, Sound, and Light.

Prerequisite: Mathematics 12

Physics 103c. Heat 4 cr.

Three hours classroom and three hours laboratory work a week, fall semester.

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Textbook: Edser, Heat for Advanced Students.

References: Millikan, Mechanics, Molecular Physics and Heat.

Prerequisite: Mathematics 12

Physics 104c. Properties of Matter 4 cr.

Three hours classroom and three hours laboratory work a week, spring semester.

Textbook: Edser, General Physics.

References: Millikan, Mechanics, Molecular Physics and Heat.

Prerequisite: Mathematics 12

Physics 105d. Mechanics (See mathematics 121)

Physics 106d. Thermodynamics 3 cr.

Three hours a week, fall semester.

References: Griffith, Thermal Measurement of Energy.

Preston, Theory of Heat.

Pre-requisite: Physics 103.

Physics 107d. Physical Optics 3 cr.

Three hours a week, spring semester.

References: Wood, Physical Optics.
Preston, Theory of Light.

Prerequisite: Physics 101

Political Science

Political Science 101a. Essentials of Political Science 4 cr.

A general introductory course dealing with the origin and nature of the state, and an approach to the study of the structure, province and functions of government.

Four hours a week, one semester.

Textbook: Gettell, Introduction to Political Science. With assigned reference readings.

Political Science 102b. Constitutional Development in China 3 cr.

This course includes a brief background study of Chinese government under the old regime, the causes of the Revolution, the establishment of the Republic, and actual conditions and workings of the present day government.

Three hours a week, one semester

Assigned readings and lectures, (A text may be chosen.)

Political Science 103b. Comparative Free Government 5 cr.

A comparative study of various free governments, including United States, England, France, Germany, Switzerland, and others, with a view to giving the student not only a general knowledge of the organization of these governments but also an understanding of the processes and institutions by which free government is being attained.

Five hours a week, one semester.

Textbook: Macy and Gannaway, "Comparative Free Government." With regularly assigned reference readings.

Political Science 104c International Organization 3 cr.

A study of the development and the problems of international intercourse and organization, with special emphasis upon the League of Nations as an attempt toward world organization and unity.

Three hours a week, one semester.

Text-book: Potter, "Introduction to the Study of International Organization".

Religious Instruction

Relig. Instr. 1a Introduction to the Study of Religion 2 cr.

In this course the students make a study of the religious life and customs of their home and community, of the

general problems of religion and the solutions of these problems offered by the great religions of China

Two hours a week, fall semester

Relig. Instr. 2b Life Problems 2 cr.

The students in this course are encouraged to participate in free discussion of their life problems and how these may be met in the light of the life and teachings of Jesus.

Two hours a week, spring semester.

Relig. Instr. 11c Introduction to the Old Testament 2 cr.

This is a study in the lives and times of the leading Old Testament characters and of their messages for men of to-day.

Two hours a week, fall semester

Relig. Instr. 12d Introduction to the New Testament 2 cr.

This is a continuation of the Course 11 in the New Testament.

Two hours a week, spring semester.

Relig. Instr. 103e 104f Social Teachings of the Bible 2 cr.-2 cr.

This is an endeavor to apprehend and apply the ethics of the Bible to human relationships. The class is brought face to face with present social conditions in the world, and invited to solve social problems in the light offered by Jesus. Reference works are consulted and essays required.

Two hours a week, for two terms.

Text-book: Selections from the Old and New Testaments, with the professor's notes and assigned reference reading.

Relig. Instr. 111g-112h Comparative Religion 3 cr.

In this course a rapid review of the great ethnic religions is made, with a study of the underlying psychological and philosophical principles. The neighboring religious institutions are visited and original research

encouraged. The positive satisfactions of Christianity are brought forward, and every effort made to secure the student's personal allegiance.

Prerequisite: Religious Instruction II and 12.

Three hours a week, fall term.

Text-book: Barton, "The Religions of the World."

Relig. Instr. 113g-114h The Spread of Christianity 3 cr.

This is a study of the great religious movements following the apostolic days, especially in Europe and later in America. The foreign missionary movement is taken up only in striking outline as it has influenced the great races of mankind.

Three hours a week for one year.

Relig. Instr. 115e Religious Education 3 cr.

This course is designed as an introduction to the general principles of religious education, and their application to the religious needs of China. Especially designed for prospective ministers, Sunday School teachers, Y.M.C.A. leaders, and other Christian workers.

Three hours a week, fall semester.

Text-book: Coe, "A Social Theory of Religious Education."

Sociology

Sociology 1 Introduction to College 3 cr.

This is a course in three sections: Hygiene, Education and Sociology. The purpose is to give the incoming Freshman a conception of *the real business of living* as a student in college. A different professor will lead each section.

An elective open to freshman who have no back work to make up.

Sociology 2 Introduction to the Study of Sociology 5 cr.

This is a general course in Sociology covering the principles of the science, with special emphasis on their applications to China. Textbook to be used as an outline; assigned readings with discussions.

Five hours per week, spring semester. Sophomore. Required of all Arts students.

Textbook: Bogardus, "Introduction to Sociology", (third revised edition).

Reference readings assigned.



Extra-curriculum Activities

1. The criteria for judging honor-points shall be the time element, amount of responsibility, and efficiency of work involved in each activity.

2. A minimum of 24 points are required of all students who do four years of work, of which 4 points each must be obtained in Religious and Social Service, Literary, and Athletic Activities:—beginning with fall 1924.

3. Beginning March 1924, the following points shall be required for graduation: Senior—3, Junior—9, Sophomore—15, Freshman—21, (for students now enrolled).

4. Special points may be allowed by faculty to literary contributors and vacation welfare workers.

5. Point activities end on the day before the beginning of final examinations. No points will be allowed unless recommended by the specially appointed monitor for each organization, its presiding officer, and its faculty advisor to the faculty before the close of semester.

Group I

Major Activities:

- a. Y. M. C. A.
- b. Student Self-government.
- c. Athletic Association.
- d. Intercollegiate Teams, (Athletic, Debating, or College First Team, in other than intercollegiate contest.)
- e. College Publications.

Group II

Minor Activities:

- a. Student Volunteer Band.
- b. Literary or Similar societies.
- c. Glee Club or Choir, College Organist.
- d. Voluntary Bible Classes.
- e. Local Athletic Teams.

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Schedule of Points

<i>Group</i>	<i>Position Held</i>	<i>Points</i>
I	Presidents, Captains, Managers Chief Editors	6
I	Cabinet Officers, Committee-chairman	5
II	Presidents	5
II	Cabinet Officers, Committee-chairman, Monitor, Captains, Managers, Leaders	4
I	Members Intercollegiate Athletic and Debating Teams	4
I	Committee-men	3
II	Committee-men, Self-Help Workers	3
I	and II Active Members of Organization, Class or Team Members	2

Hangchow Christian College

Senior Middle School

ANNOUNCEMENTS

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Senior Middle School

The Senior Middle School is an integral part of the Hangchow Christian College. The students live in a separate dormitory, under separate rules, but use the same class-rooms, laboratories, and chapel as the College students. Several of the College teachers have classes in the Middle School. The object of this school is primarily to prepare students for college and hence there is little differentiation in the courses of study offered. In the Third Year a number of electives are given from which the student may chose subjects adapted to his particular taste or special needs.

Directly affiliated with this is the True Model Junior Middle School located in the City. The College is represented on its Board of Directors and is especially entrusted with the supervision of the instruction and course of study of this school.

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Course of Study

First Year	Fall	Spring	Second Year	Fall	Spring
Chinese A-B	3	3	Chinese C-D	3	3
U-V	2	2	W-X	2	2
I-J	1	1	K-L	1	1
English A-B	6	6	English C-D	6	6
Mathematics A-B	4	4	Education A-B	2	2
Natural Sci. A-B	3	3	Mathematics C-D	3	3
Rel. Instr. A-B	2	2	Natural Sci. C-D	3	3
Social Sci. A-B	3	3	Rel. Instr. C-D	2	2
C-D	2	2	Social Sci. E-F	3	3
	26	26		25	25

Third Year	Fall	Spring
Chinese E-F	3	3
M-N	1	1
English E-F	6	6
Rel. Instr. E-F	2	2
Social Science G-H	3	3
Elective	9	9
	24	24

Electives	Fall	Spring
Chinese Y History Chinese Literature & Crit.	3	
Chinese Z Studies in Chinese Philology		3
Education C-D Methods of Teaching	3	3
Education E.	3	
Education F.		3
Mathematics E Third Year Mathematics	3	
Mathematics F Third Year Mathematics Cont'd.		3
Natural Science E-F Chemistry	3	3
Natural Science I Physiology		3
Social Science I	3	

Senior Middle School Description of Courses

Chinese

Chinese A-B Selections from the best authors from the T'ang Dynasty to the present, with Supplementary reading.

Three hours a week thruout the First Year.

Chinese C-D A continuation of A-B taking selections from the Tsin to the T'ang Dynasties.

Three hours a week thruout the Second Year.

Chinese E-F A continuation of C-D taking selection from authors preceding the Tsin Dynasty.

Three hours a week thruout the Third Year.

Chinese G Types of Short Essays.

Three hours a week, first term, Third Year.
Elective.

Chinese H Types of Essays.

Three hours a week, second term, Third Year.
Elective.

Chinese I-J Composition.

One essay a week thruout the First Year.

Chinese K-L Composition.

One essay a week thruout the Second Year.

Chinese M-N Composition.

One essay a week thruout the Third Year.

Chinese U-S Short Stories.

Two hours a week, first term, First Year.

Chinese V Standard Chinese fiction and translations from Western fiction.

Two hours a week, second term, First Year.

Chinese W Poems.

Two hours a week, first term, Second Year.

Chinese X Drama.

Two hours a week, second term, Second Year.

Chinese Y History of Chinese Literature and Literary Criticism.

Three hours a week, first term, Third Year.
Elective.

Chinese Z Studies in Chinese Philology.

Three hours a week, second term, Third Year.
Elective.

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高級中學國文課程大綱

模範文

甲—乙模範文 課本用：

作文法大要

評註古文辭類纂(中華)(選讀近代至唐宋文)

國語文類選(中華)

略讀書籍：白話文法一種

每星期三時，高中一年讀畢

丙—丁模範文 課本用：

評註古文辭類纂(唐宋至秦漢三國)

略讀書籍：文言文法一種

每星期三時，高中二年畢業

戊—己模範文 課本用：

評註古文辭類纂(秦漢三國以上)

經史子摘讀

每星期三時，高中三年讀畢

庚 文體研究 課本用：

昭明文選

略讀書籍：

經史百家雜鈔，涵芬樓古今文鈔(或簡編)，涵芬樓古今文鈔小傳等

本課研究各體文章的性質與特徵。讀時分類選讀；讀後擇要試作。可一學期讀畢，亦可分二學期，作比較精細的研究。

選科，每星期三時，高中三年上學期讀。

辛 文體研究 課本用：

昭明文選

略讀書籍同上

選科，每星期三時，高中三年下學期讀。

各體文學

子 短篇小說 課本用：

今古奇觀

聊齋誌異

略讀書籍：

舊小說(商務) 閱微草堂筆記 拊掌錄 吟邊燕語

歐美名家短篇小說叢刊 天方夜談 域外小說集 點

滴 馨兒就學記 胡適短篇小說集及近人短篇創作集等

每星期二時，高中一年上學期讀畢

丑 長篇小說 課本用：

老殘遊記(商務)

劫後英雄傳(商務)

紅樓夢(亞東)

略讀書籍：

天路歷程 魯濱孫飄流記 俠隱記 塊肉餘生錄 姍

娜小史 兒女英雄傳 鏡花緣 儒林外史 三國志

西遊記 水滸 紅樓夢索隱及紅樓夢辨等

每星期二時，高中一年下學期讀畢

寅 詩詞 課本用：

古詩評註讀本(文明書局)

唐詩評註讀本(文明書局)

宋元明詩評註讀本(文明書局)

清詩評註讀本(文明書局)

正續詞選(掃葉山房)

略讀書籍：

近代白話詩及討論白話詩之論文 白話文學史 八大

詩人 陶淵明 詩經研究 楚詞新論 詩之研究

(Bliss Perry)及詩話一種

每星期二時，高中二年上學期讀畢

- 卯 戲劇 課本用：
西廂記(掃葉山房)
琵琶記(全上)
桃花扇(梁溪圖書館)
略讀書籍：
林肯 易卜生第一集 華倫夫人之職業 青島 俄國
戲劇集 莎氏樂府 元曲選 牡丹亭 燕子箋 長生
殿 董西廂及西廂小則 綴白裘等
每星期二時，高中二年下學期讀畢
- 辰 文學史及文學評論 課本用：
中國文學史(商務，王夢曾編)
涵芬樓文談(商務)
文學評論文原理(譯 Winchester 原著，商務出版)
略讀書籍：
國學必讀(上)國學概論 中國學術原流 文心雕龍
文學研究法
選科，每星期三時，高中三年上學期讀畢
- 巳 文字學
中國文字學大綱(商務)
略讀書籍：
國學必讀(下)國文自修書輯要 說文解字
選科，每星期三時，高中三年下學期讀畢。
作文
每星期作文一次計二小時
- | | | |
|---|-----|-----|
| 一 | 高中一 | 上學期 |
| 二 | 高中一 | 下學期 |
| 三 | 高中二 | 上學期 |
| 四 | 高中二 | 下學期 |
| 五 | 高中三 | 上學期 |
| 六 | 高中三 | 下學期 |

Education

Education A-B Introduction to Psychology.

Textbook: (in Chinese) to be announced later.
Two hours a week thruout the Second Year.

Education C-D Methods of Teaching.

Textbook: Colvin & Bagley: Human Behavior,
(Chinese translation).

Education E.

Textbook: To be announced later.
Three hours a week, first term, Third Year.
Elective.

Education F.

Textbook: To be announced later.
Three hours a week, second term, Third Year.
Elective.

English

Emphasis will be laid upon correct pronunciation, the gradual acquiring of a vocabulary, systematic learning of idioms, and training of the ear. Exercises in oral and written composition and conversation are required.

English A-B Reading and Grammar.

Reading: Barrows; "Good Manners."
Baldwin; "Thirty Famous Stories Retold".
Elson; Reader No. 5.

Grammar: Mother-Tongue, Book II.

Six hours a week, First Year.

English C-D Reading and Grammar.

Reading: Allen; "Asia".
Grammar: Graybill; "Mastery of English" Book V.

Six hours a week, Second Year.

English E-F Reading and Composition.

Reading: Lewis and Rowland, "Silent Reader," No. 8.
Composition: Lewis and Hosié, "Practical English"
Six hours a week, Third Year.

Mathematics

Mathematics A-B First Year Mathematics.

Text-book: Breslich: First Year Mathematics for
Secondary Schools.

Students who have had this work may request a
special examination and if they pass it satisfactorily,
may take Mathematics C-D.

Four hours a week thruout the First Year.

Mathematics C-D Second Year Mathematics.

Text-book: Breslich: Second Year Mathematics
for Secondary Schools.

Three hours a week thruout the Second Year.

Mathematics E-F Third Year Mathematics.

Text-book: Breslich: Third Year Mathematics for
Secondary Schools.

Three hours a week elective in the Third Year.

Natural Science

Natural Science A-B Civic Biology.

Lectures, assigned readings, quizzes, and laboratory
work.

Three hours a week and one laboratory period
thruout the First Year.

Natural Science C-D Physics.

Textbook: Black & Davis: Practical Physics.

Three hours recitation and one laboratory period a
week, thruout the Second Year.

Natural Science E-F Chemistry.

Textbook: Black & Conant—Practical Chemistry.

Three hours recitation and one laboratory period a
week thruout the Third Year. Elective.

Natural Science I Human Physiology.

Textbook: Ritchie: Human Physiology.
Three hours a week lecture or recitation and one
laboratory period.

Second term, Third Year. Elective.

Religious Instruction

Religious Instruction A-B Studies in the Old Testament.

Two hours a week thruout the First Year.

Religious Instruction C-D Studies in the Gospels and Acts.

Two hours a week thruout the Second Year.

Religious Instruction E-F Philosophy of Life.

Two hours a week thruout the Third Year.

Social Science

Social Science A-B History of China.

Textbook: 本國史 (商務)

Three hours a week thruout the First Year

Social Science C-D Geography of World.

Textbook: 待選

Three hours a week thruout the First Year.

Social Science E-F Social Problems.

Textbook: 社會問題, 陶志和 (商務)

Three hours a week thruout the Second Year.

Social Science G-H Western History.

Textbook: (announced later)

Three hours a week thruout the Third Year.

Social Science I.

Textbook: (announced later)

Three hours a week, the first term of the Third
Year. Elective.

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Hangchow, China

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HANGCHOW CHRISTIAN COLLEGE

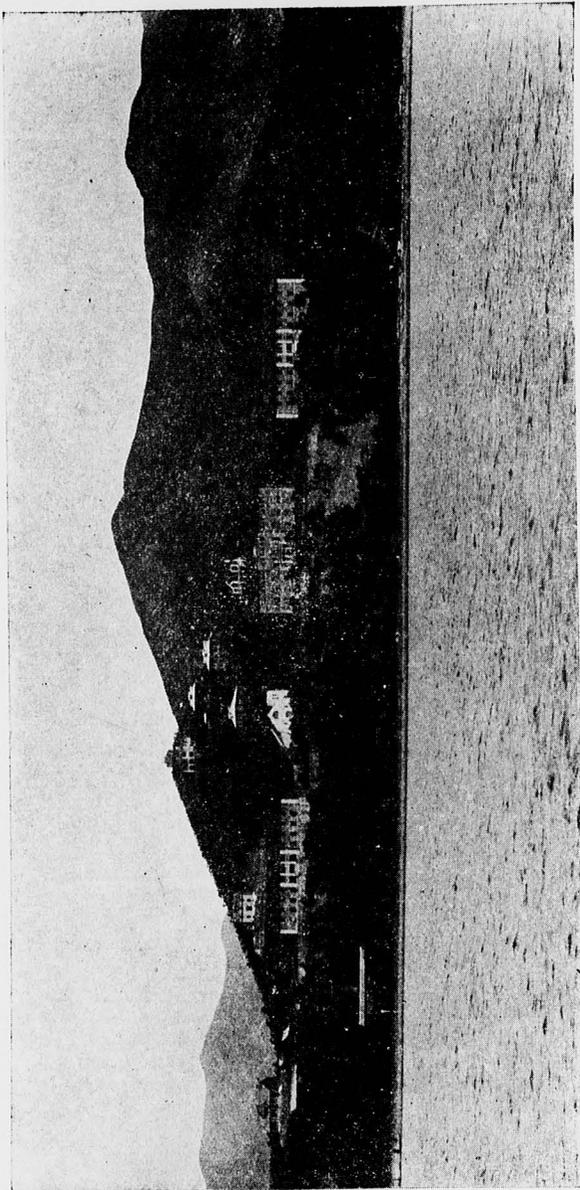
CATALOG



1921-1922

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景風學大江之



HANGCHOW CHRISTIAN COLLEGE FROM THE CHIEN TANG RIVER

Hangchow Christian College

REGISTER

FOR THE SPRING TERM, 1921

ANNOUNCEMENTS

FOR THE YEAR

1921-1922

HANGCHOW, CHINA

SHANGHAI:

PRINTED AT THE METHODIST PUBLISHING HOUSE

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Calendar

Fall Term, 1921

Aug. 15th-Sept. 8th	Applications Received.
Sept. 8th, 9th	Entrance Examinations.
Sept. 13th-14th	Registration of Students and Examinations to Remove Conditions.
Thurs. Sept. 15th	Opening of Fall Term.
Fri. Sept. 16th	Autumn Festival.
Wed. Sept. 28th	Confucius' Birthday.
Mon. Oct. 10th	National Independence Day
Sat. Nov. 5th	Chekiang Independence Day and Provincial Field Meet
Dec. 24th-26th	Christmas Holidays
Mon. Jan. 2nd	New Year's Holiday.
Jan. 16th-19th	Fall Term Final Examinations.
Jan. 20-Feb. 14	Winter Vacation.

Spring Term, 1922

Jan. 21-Feb. 9	Applications Received.
Feb. 9th-10th	Entrance Examinations.
Feb. 13th-14th	Registration of Students and Examinations to Remove Conditions.
Thurs. Feb. 15th	Spring Term Begins.
Tues. April 5th	Spring Festival, Annual Meeting of Alumni.
Sat. April 17th	Field Day.
Wed. May, 31st	Summer Festival.
Sat. June 17	Commencement.
June 19th-June 22nd.	Spring Term Final Examinations.
Fri. June 30.	Summer Vacation Begins.

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Advisory Council

Chairman: Dr. ROBERT E. SPEER, 156 Fifth Avenue, New York City.

Vice-Chairman: Dr. CHARLES H. PRATT, 216 Union Street, Nashville, Tenn.

From the Northern Presbyterian Church:

Dr. JOHN WILLIS BAER, Vice-President Union National Bank, Pasadena, Cal. (Local Chairman for the West.)

Mr. D. B. GAMBLE, of Proctor and Gamble, Cincinnati, Ohio.
Dr. SILAS EVANS, President Occidental College, Los Angeles, Cal.

Mr. J. E. WHEELER, President Evening "Telegram," Portland, Oregon.

Dr. GEORGE B. STEWART, President Auburn Theological Seminary, Auburn, N. Y.

Dr. D. JOHNSON FLEMING, Lecturer and Director of Missions, 120th St. and Broadway, New York City.

Dr. AMOS P. WILDER, formerly Consul-General at Shanghai, Yale University, New Haven, Conn.

From the Southern Presbyterian Church:

Dr. J. P. McCALLIE, President McCallie School, Chattanooga, Tenn. (Local Chairman for the South.)

Prof. J. LEWIS HOWE, Washington and Lee University, Lexington, Va.

Dr. STUART NYE HUTCHINSON, Pastor First Presbyterian Church, Norfolk, Va.

Dr. JAMES I. VANCE, Pastor Presbyterian Church, Nashville, Tenn.

Dr. W. J. MARTIN, President Davidson College, Davidson, N.C.
Mr. CHARLES M. NORFLEET, Merchant, Winston-Salem, N. C.
Mr. CHARLES A. ROWLAND, Merchant, Athens, Ga.

Board of Directors

Chairman:

Rev. K. T. YU.

Vice-Chairman:

Rev. O. C. CRAWFORD.

Secretaries:

Rev. M. K. CHOW.

Rev. LOWRY DAVIS.

Members:

Central China Mission:

Rev. R. F. FITCH, D.D., Hangchow.

Rev. O. C. CRAWFORD, D.D., Soochow.

Mid-China Mission:

Rev. W. H. HUDSON, D.D., Kashing.

Rev. L. DAVIS, Kashing.

Chinese Church:

Rev. M. K. CHOW (周梅閣), Hangchow Presbytery.

Rev. K. T. YU (俞國楨), Soochow Presbytery.

Rev. T. V. LU (路振文), Ningshao Presbytery.

Alumni:

Mr. P. Y. DZEN, Hangchow.

Mr. A. V. WU, M.A., Hangchow.

Faculty:

Rev. E. L. MATTON, D.D.

Mr. J. M. WILSON, C.E.

The President, ex-officio.

Co-opted:

Mr. L. T. WU, Peking.

Mr. C. C. NIEH, Shanghai.

Mr. E. E. BARNETT, Hangchow.

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Officers of Administration

WARREN H. STUART, M.A., D.D., *President.*
 ELMER L. MATTOX, M.A., D.D., *Vice-President and Treasurer.*
 K. F. TIN, Hangchow Christian College, *Dean and Registrar.*

THE FACULTY

ELMER L. MATTOX, M.A., D.D.,
Professor of Religion and French.
 MRS. E. L. MATTOX,
Assistant Professor of English and Religion.
 S. D. LEE, Shantung Christian University,
Professor of Chemistry and Mathematics.
 ARTHUR W. MARCH, PH. B., M.A., (on furlough)
Professor of Biology and Astronomy.
 WARREN H. STUART, M.A., D.D.,
Professor of Philosophy and Mathematics
 MRS. W. H. STUART,
Assistant Professor of Religion and English
 J. MORRISON WILSON, C.E.,
Professor of Mathematics.
Superintendent Construction Department.
 K. G. CHU, Lin-sheng,
Professor of Chinese Literature.
 L. S. CHEN, Hangchow Christian College,
Acting Professor of Physics and Religion.
Librarian.
 CLARENCE B. DAY, B.A.,
Professor of English and Religion
 CHARLES P. BARKMAN, B.A., B.D.,
Professor of English and History.

S. D. CHIANG, Nanking Teachers' College,
Assistant Professor of Chinese Literature and Economics.
 ANDREW ALLISON, M.A.,
Acting Professor of Biology and Religion.
 EDWARD EVANS, JR., M.A.,
Professor-elect of Physics.
 D. K. CHEN, Hangchow Christian College,
Assistant Professor of Mathematics.
 T. Y. NYIEN, Hangchow Christian College,
Assistant Professor of Biology, Chemistry, and Mathematics.
 Z. S. WANG, Nanking Teachers' College,
Assistant Professor of Geography and History.
 Y. S. TSANG, Lin-sheng,
Professor of Chinese Literature and History.
 H. H. CREIGHTON, B.A.,
Assistant Professor of English.
 W. E. SMITH, B.L.,
Acting Professor of Economics and English.
 S. D. DZU, C.E.,
Engineer Construction Department.
 C. V. CHAO, Chekiang Law School,
Assistant Professor of Chinese Literature.
 C. L. WANG, Hangchow Christian College,
Proctor.
 D. F. WANG,
Proctor.

Historical Sketch

The College traces its history back to the opening of the first Boys' Boarding-school by the Ningpo Mission of the Presbyterian Church, shortly after its organization.

- 1845. Boys' Boarding-school organized at Ningpo and entrusted to Rev. R. Q. Way and D. H. McCartee, M.D.
- 1846. The first Annual Report presented, showing an attendance of thirty.
- 1849. First class graduated.
- 1867. Under the influence of Dr. Nevius and Mr. Green the school was moved to Hangchow, the capital of the Chekiang Province.
- 1880. Rev. J. H. Judson took charge of the school and was connected with it until 1914. Under his efficient management rapid progress was made in the development of the institution.
- 1888. By formal vote made the High School for the Central China Mission.
- 1897. Recognized as the Mission College by the Central China Mission.
- 1906. Placed under a Board of Directors elected by the Central China Mission, and a policy of expansion entered upon.
- 1907. Land purchased for new site on banks of Chien Tang River, four miles south of Hangchow City.
- 1910. Union between the Northern and Southern Presbyterian Missions consummated.
- 1911. Moved to the new site on the river.
- 1913. Directors added from the Presbyteries.
- 1917. Directors added from the Alumni.
- 1918. Council of Advisers formed in U.S.A.
- 1920. Incorporated in U.S.A.

Organisation

Hangchow Christian College is a union missionary institution under joint ownership of the Central China Mission of the Presbyterian Church in U. S. A., and the Mid-China Mission of the Presbyterian Church of the U. S. The general oversight of the policy and work of the College is in the hands of a Board of Directors consisting of three members from each mission, one of whom is a member of the Faculty, three Chinese members chosen by the three Presbyteries in East China, two Chinese members chosen by the alumni, and three members co-opted by the Board of Directors, and the President *ex-officio*.

The President of the College and the members of the Faculty are elected by the Directors, subject to the approval of the two missions. The Faculty is responsible for the details of curriculum, discipline, examinations, employing of teachers, and the internal management of the institution.

An Advisers' Council, representing both parent churches, cares for the interests of the College in the United States.

Incorporation

In November 1920, Hangchow Christian College was incorporated in the United States of America under the laws of the District of Columbia. The incorporators have intrusted the institution to a Board of Trustees, eight in number, representing equally the Foreign Mission Boards of the Northern and Southern Presbyterian Churches. These Trustees are represented in China by a Board of Field Control, known locally as the Board of Directors. The charter of incorporation grants full legal recognition and privilege to the institution, such as acquiring and holding property, carrying on various forms of educational activity, granting degrees, etc.

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Purpose

The aim of the College is to give a higher education under distinctively Christian auspices and influences to as large a number as possible of Chinese young men, with a view to raising up men for leadership in service to church, state, and society. The three-fold object of the school, as expressed by its founders over sixty years ago, has never been lost sight of: "To secure the salvation of the scholars' souls; to enable them to get their living among men; and, by elevating their characters, to make them useful to their countrymen."

Location

Hangchow, one of the ancient capitals of China, and vying with Socchow for first place in poetic lore, is a large walled city of nearly a million population. It is situated between the famous West Lake and the Chien Tang River with its phenomenal tidal wave known as the Hangchow "Bore." It is the capital of the Chekiang Province, with its twenty-two million inhabitants, the smallest and wealthiest of the eighteen provinces. From antiquity it has been renowned for its schools and scholars.

The Shanghai-Hangchow-Ningpo Railroad, the Grand Canal, and the navigable river make it easily accessible from parts of this and the adjoining provinces. A ricscha road offers smooth and direct travel between the College and Zahkou, the nearest railway station.

The campus occupies an ideal site of over eighty acres on the north bank of the Chien Tang River, and is within thirty minutes' walk of Zahkou Station, the present terminus of the Shanghai-Hangchow-Ningpo Railway. The campus includes

land on the river level, a large plateau one hundred feet higher, on which the main buildings are situated, and an extensive sweep up the hill-sides to the top of the first range of the foot-hills of that great mountain system which stretches westward across China and joins the Himalayas. From this hilltop a magnificent panorama unrolls, revealing the West Lake, Hangchow City, the winding river(之江), Hangchow's four pagodas, hills, dales, temples, and monasteries innumerable.

Buildings

The first buildings were erected in 1910. Solidity, adaptability, and harmony of outline have been sought, rather than an ostentatious style of architecture. By the liberality of friends, a chapel, three principal buildings, and ten commodious residences have been provided.

1. *Severance Class Hall.*—This is the main building, containing the administration offices, reception hall, Y. M. C. A. and reading rooms, assembly hall, physics and chemistry laboratories and apparatus rooms, and sixteen class rooms. It is constructed of red brick, and has red French tile roof and concrete trimmings. On the second floor is a large assembly room used as a study hall. The building with furnishings cost \$18,500 gold, and is the gift of Mr. L. H. Severance of Cleveland, Ohio.

2. *Gamble Hall.*—This is the first building reached on coming up to the campus level. It is three stories high and one hundred and fifty feet by thirty-six. It is built in the same general style as Severance Hall, and can accommodate one hundred students, two in a room, besides having room's for teachers and proctors. A large hall occupying half of the first floor is used as a dining room. This building cost about \$12,000 gold, and was contributed by Mr. and Mrs. D. B. Gamble of Pasadena, California.

3. *Wheeler and Dusenbury Hall.*—This is built on the same plan as Gamble Hall. The hall on the lower floor is used as a dining-room. The funds for this building were provided by Mr. E. G. Dusenbury, Mr. and Mrs. N. P. Wheeler, and Mr. and Mrs. W. E. Wheeler, of Endeavor, Pa.

4. *Residences.*—The residences are located higher up on the hill-side, overlooking the College buildings and the river. Converse Residence is not occupied at present; the North Pacific Residence is occupied by Rev. E. L. Mattox and family; the Rochester Residence by Mr. A. W. March and family; the Southern Presbyterian Residence by Rev. W. H. Stuart and family; the Paxton Memorial Residence by Mr. A. Allison and family; the Wheeler Residence by Rev. C. B. Day and family; and the Carter Memorial Residence by Mr. J. M. Wilson and family.

5. *Philadelphia Observatory.*—This building, the gift of Mrs. Chas. P. Turner of Philadelphia, is located on the first hill-top above the residences. It is built of native stone laid in cement and is a substantial and handsome structure. The astronomical equipment consists of a five-inch telescope, transit instrument, chronometers, etc.

6. *Kitchens.*—During the year 1914, through the liberality of the Gambles and Wheelers, each of the dormitories was provided with a commodious kitchen, bath-rooms, wash-rooms, sleeping-rooms for servants, etc.

7. *Chinese Professors' Homes.*—Erected in 1915, on the bluff adjoining the campus, these provide comfortable and commodious living for three Chinese professors and their families.

8. *Tooker Memorial Chapel.* This beautiful building was dedicated on January 11, 1919, and is in constant use for daily and Sunday services. The walls are of solid stone, rough hewn, and all interior wood-work is of hard-wood. A pipe organ for the chapel has also been provided. The

building seats 500 persons, and is the gift of the Tooker family of East Orange, N. J., as a memorial to their father.

9. *Gamble Athletic Field.*—This was completed in April, 1918, and contains 1/5 mile running track, with grilliron situated in a valley next the river, forming a natural amphitheater.

Construction Department

In the fall of 1920 the College established a Construction Department, under the administration of Prof. J. M. Wilson and Mr. S. D. Dzu, C. E., one of our former graduates. This Department surveys land, draws plans for buildings, offers technical advice, and superintends actual construction, for the Missions in this and neighboring provinces. A reasonable charge is asked for this service, the proceeds of which above expenses go to provide equipment for the College.

All inquiries concerning the work of this department should be addressed to Prof. Wilson.

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The College Curriculum

The Junior-Senior System.—Following the American and the Chinese Government systems, the College Course is divided into Preparatory (預科) or Junior College of two years, and Full-grade (本科) or Senior College, of three years.

The former is intended both as a general cultural and scientific course beyond the Middle School, and also as a specific preparation for further study, either in our own or other schools. The second year corresponds in general to the American College Freshman Year.

The Senior College offers special training similar to that of standard colleges in China and America, with definite preparation for the profession of teaching.

Literary and Scientific Courses

Beginning with the second term of the First Year Junior College two parallel courses are offered, one emphasizing literary and humanistic studies, and the other stressing natural science. A student may not change from one of these courses to the other without express permission of the Faculty, and the making up of required subjects in the course chosen. The same division obtains in Senior College, where the courses lead to the degrees of B. A. and B. S. The Science course is further subdivided into two groups, Biology-Chemistry and Physics-Mathematics.

Units of Credit.—For graduation a total of 200 credits is required and these are usually distributed evenly over ten terms or semesters, making 20 each term.

The unit of credit is the credit-hour, which is defined as one hour per week for a term. Laboratory and certain other forms of work require two hours for one credit-hour.

Admission to Advanced Standing.—Students who are graduates of Middle Schools connected with the College, may be admitted to advanced standing on the following conditions:

1. Presentation of a written request for same from the principal of school formerly attended.
2. Examination, covering work for which credit is desired.
3. Carrying of subjects not covered by credit as indicated above, in addition to the regular course. In this way exceptional students may receive the required number of credits and finish the College Course in four years instead of five.

Note on the Numbering of the Courses on Pages 13-32.—The number or letter of the course follows the name of the department in which the course is given.

In the Middle School the courses are lettered consecutively.

In the College one number is given to each course.

Junior College courses are numbered below 100 Senior College courses over 100. The former cannot be substituted for the latter and the same credit given.

Required sequence in courses is indicated by the letters a, b, c, d etc., following the number.

Junior College

LITERARY COURSE

	Fall Term		Spring Term.	
	Course	Credits	Course	Credits
First Year				
Religious Instruction	1a	2	2b	2
Chinese	1a, 3a	3	2b, 4b	3
English	1a, 5a	7	2b, 6b	7
Mathematics	1a	3	—	—
Biology	—	—	2a	3
Physics	1a	3	2b	3
Social Science	1a	3	2b	3
		<hr/>		<hr/>
		21		21
Second Year				
Religious Instruction	11a	2	12b	2
Chinese	11c, 13c	3	12d, 14d	3
English	11c, 13c	5	12d, 14d	7
Biology	3b	3	—	—
Social Science	11a, 13a	6	12b, 14b	6
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SCIENTIFIC COURSE

	Fall Term		Spring Term.	
	Course	Credits	Course	Credits
First Year				
Religious Instruction	1a	2	2b	2
Chinese	1a, 3a	3	2b	2
English	1a, 5a	7	2b, 6b,	5
Mathematics	1a	3	2b	3
Physics	1a	3	2b	3
Biology	—	—	2a	3
Social Science	1a	3	2b	3
		<hr/>		<hr/>
		21		21
Second Year				
Religious Instruction	11a	2	12b	2
Chinese	11c	2	12d	2
English	11c, 13c	5	12d, 14d	5
Mathematics	11c	3	12d	3
Biology	11b	3	12a	3
Chemistry	11a	3	12b	3
Social Science	13a	3	14b	3
		<hr/>		<hr/>
		21		21

Senior College

LITERARY COURSE

	Fall Term		Spring Term.	
	Course	Credits	Course	Credits
First Year				
Religious Instruction	101a	2	102b	2
Chinese	101a	1	102b	1
English	101a, 105e	4	102b, 106f	4
Biology	—	—	102a	4
Social Science	101a, 103a	5	102b, 104b	5
Modern Language	101a	3	102b	3
Education	101a	3	102b	3
		<hr/>		<hr/>
		18		22
Second Year				
Religious Instruction	111a	2	112b	2
Chinese	111a	3	112b	3
English	111c, 115a	5	112d, 116b	5
Social Science	111a	3	112b	3
Modern Language	111c	3	112d	3
Education	111c	3	112d	3
Philosophy	111a	3	112b	3
		<hr/>		<hr/>
		22		22
Third Year				
Religious Instruction	121a	2	122b	2
Chinese Literature	121c	3	122d	3
English	121e, 123a	5	124b, 124b	5
Biology	123a	3	124b	3
Education	121e	3	122f	3
Philosophy	121c	3	122d	2
		<hr/>		<hr/>
		19		18

SCIENTIFIC COURSE*Biology-Chemistry Group*

First Year	Fall Term		Spring Term	
	Course	Credits	Course	Credits
Religious Instruction	101a	2	102b	2
Chinese	101a	3	102b	3
English	101a, 103c	4	102b, 104d	4
Biology	101a	3	102b	3
Chemistry	101c	3	102d	3
Geology	101a	3	102b	3
Education	101a	3	102b	3
	21		21	

Second Year	Fall Term		Spring Term	
	Course	Credits	Course	Credits
Religious Instruction	111c	2	112d	2
Chinese	111c	3	112d	3
English	113a	1	114b	1
Biology	113b	3	114c	3
Chemistry	111c	3	112d	3
Geology	111c	3	112d	3
Education	111c	3	112d	3
	18		18	

Third Year	Fall Term		Spring Term	
	Course	Credits	Course	Credits
Religious Instruction	121a	2	122b	2
Chinese	121e	3	122f	3
Biology	121b, 123a	6	122c, 124b	6
Chemistry	121g	3	122h	3
Education	121e	3	122f	3
	17		17	

SCIENTIFIC COURSE
Physics-Mathematics Group

First Year	Fall Term		Spring Term	
	Course	Credits	Course	Credits
Religious Instruction	101a	2	102b	2
Chinese	101a	3	102b	3
English	101a, 103c	4	102b, 104d	4
Physics	101c	3	102d	3
Chemistry	101c	3	102d	3
Mathematics	101e	3	102f	3
Education	101a	3	102b	3
	21		21	

Second Year	Fall Term		Spring Term	
	Course	Credits	Course	Credits
Religious Instruction	111c	2	112d	2
Chinese	111c	3	112d	3
English	113a	1	114b	1
Physics	111c	3	112e	3
Chemistry	111c	3	112d	3
Mathematics	111b	3	112b	3
Education	111c	3	112d	3
	18		18	

Third Year	Fall Term		Spring Term	
	Course	Credits	Course	Credits
Religious Instruction	121a	2	122b	2
Chinese	121e	3	122f	3
English				
Physics	121f	3	122g	3
Mathematics	121c	3	122g	3
Education	121e	3	122f	3
Chemistry	121g	3	122h	3
	17		17	

Department of Chinese

Chinese 1a, 2b. Literature and Composition

This is a course in literature of various styles, with a view to understanding the spirit and the structure of the best Chinese prose. Special attention is given to documentary and journalistic composition. An essay is required each week, for which two additional hours are allowed.

Three hours a week throughout the First Year, Junior College.

Chinese 3a, 4b. The Shu King (Book of History)

In this course the government, history, and philosophy of ancient China are examined, with a view to showing the student what is most worthy of imitation in early manners and morals.

Two hours a week throughout the First Year, Junior College.

Chinese 11c, 12d. Literature and Composition

A continuation of 1a, 2b.

Three hours a week throughout the Second Year, Junior College.

Chinese 13c, 14d. The Li Ki (Record of Rites)

This course gives special attention to the ancient proprieties, as practised in the Chow Dynasty, as a stimulus to proper observances by the present-day student.

Two hours a week throughout the Second Year, Junior College.

Chinese 101e, 102f. Literature and Composition

A continuation of 11c, 12d.

Two hours a week throughout the First Year, Senior College.

Chinese 111g, 112h. Literature and Composition

A continuation of 101e, 102f.

Two hours a week throughout the Second Year, Senior College.

Chinese 121i, 122j. Literature and Composition

A continuation of 111g, 112h.

Two hours a week throughout the Third Year, Senior College.

Chinese 113a, 114b. History of Chinese Literature

This course studies the lives of the standard Chinese authors and the historical evolution of Chinese literature.

Three hours a week throughout the Second Year, Senior College.

Chinese 121c, 122d. History of Chinese Philosophy

A study of the principal schools of Chinese thought, especially as affecting religion, education, and social customs.

Three hours a week throughout the Third Year, Senior College.

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Department of English

English 1a, 2b. Reading and Conversation

This is a course in standard English prose, with considerable time spent in reading aloud in class, and in conversational use of the new words and material covered.

Five hours a week throughout the First Year, Junior College.
Text-book: Booker T. Washington, "Up From Slavery."

(Others to be selected)

English 3a, 4b. Composition and Rhetoric

In this course the material covered in English 1a-2b is referred to for vocabulary and style. Compositions are written each week under supervision.

Three hours a week throughout the First Year, Junior College.
Text-book: Clippinger, "Written and Spoken English," Book I.
Davis, "Practical Exercises"—a supplemental notebook.

English 11c, 12d. Advanced Reading and Conversation

A continuation of English 1a-2b. The short story is studied by Arts students, while a science reader is used by science students for practice in the use of scientific English.

Three hours a week throughout the Second Year, Junior College.
(In spring term Arts students read five hours weekly.)

Text-books: Campbell and Rice, "A Book of Narratives."
Hart and Perry, "Representative Short Stories."
Van Buskirk and Smith, "The Science of Everyday Life."

English 13c, 14d. Composition and Rhetoric

Emphasis will be laid on weekly drill in written essays, and also on oral composition.

Three hours a week throughout the Second Year, Junior College.
Text-book: Clippinger, "Written and Spoken English," Book II.

English 101a, 102b. The Novel

The aim of the course is to cover several specimen novels, to give facility in rapid reading, to study the periods described, and to lay emphasis upon character and plot rather than upon grammatical construction.

Three hours a week throughout the First Year, Senior College.

Text-books: Dickens, "Tale of Two Cities."
Eliot, "Silas Marner."
Howells, "The Rise of Silas Lapham."

English 103e, 104f. Advanced Composition and Rhetoric

A final review and emphasis given to correct principles and practice in composition and rhetoric. Weekly essays required.

Two hours a week throughout the First Year, Senior College.
Text-book: Herrick and Damon, "New Composition and Rhetoric."

English 111c, 112d. History of English and American Literature

This course gives a survey of the literature of the two great English-speaking countries, with collateral reading required. An essay on some one author and his work, as well as shorter papers on the material covered are required each term. Occasional lectures and criticisms will be given.

Four hours a week throughout the Second Year, Senior College.
Required of Arts but elective for science students.

Text-book: Long, "History of English and American Literature."
Collateral reading done in Manly, "English Prose,"
"English Poetry," or other library selections.

English 113a, 114b. Public Speaking

Aims to give facility and poise in public address. Study of the technique will be done in class, while exercises will be held in declamation, with individual drill.

One hour a week throughout the Second Year, Senior College.
Text-book: Winans, "Public Speaking."

English 121e. The Drama

A careful reading of several selected Shakespearean and recent plays, with a brief study of the English drama, including notes on lectures and short written papers on assigned topics.

Three hours a week throughout the first term, Third Year, Senior College.

Open to arts students only.

English 122f. Modern Authors

This is a reading course to give a general knowledge of some of the more influential of modern literary men and women of Europe

and America. Assigned readings and lectures.
Three hours a week throughout the second term, Third Year,
Senior College.

English 123. Poetry

A reading course in representative English poems, with study of poetic forms.

Two hours a week throughout the first term, Third Year, Senior College.

Elective, to arts students.

English 124. Translation

Special training for interpreting and translating, especially from Chinese into English; help in the acquisition of new terms.

Two hours a week throughout the second term, Third Year, Senior College.

Elective for arts or science students.

English 125a, 126b. Current Events

Notebooks kept on special events of national or world interest. Assigned readings and oral or written reports made in class.

Two hours a week throughout the Third Year, Senior College.

Elective for arts or science students.

Department of Mathematics

Mathematics 1a. Plane Trigonometry

This course examines the properties of the triangle and the principles of measurement involved therein. The practical applications of the science are explained, and many everyday problems are offered to the student for solution. Required of all students, whether in the literary or scientific courses.

Three hours a week throughout the first term, First Year, Junior College.

Text-book: Wentworth and Smith, "Plane Trigonometry."

Mathematics 2b. College Algebra

A course in the principles and problems of Higher Algebra.

Three hours a week throughout the second term, First Year, Junior College.

Text-book: (to be selected)

Mathematics 11c, 12d. Analytic Geometry

This is a special study of geometry, applying the principles of algebra by means of the cartesian co-ordinates. It prepares for Calculus 10e, 102f. Required of students who desire to prepare for engineering, and open as an elective to any other students who have had Trigonometry.

Three hours a week throughout the Second Year, Junior College.

Text-book: Smith and Gale, "New Analytic Geometry."

Mathematics 101e, 102f. Differential and Integral Calculus

This course introduces the students to the theory of the ratios of variables approaching limits, and enables him to attack the wide range of problems thus thrown open.

Three hours a week throughout the First Year, Senior College.

Text-book: Love, "Calculus."

Mathematics 111b. Surveying.

A practical course intended for students looking forward to the study of engineering.

Three hours a week throughout the first term, Second Year, Senior College.

Text-book: (to be selected).

Mathematics 112b. Spherical Trigonometry

A special preparation for the courses in Astronomy.

Three hours a week throughout the second term, Second Year, Senior College.

Text-book: Wentworth and Smith, "Spherical Trigonometry."

Mathematics 121c. General Descriptive Astronomy

This Course for the general student consists of library readings, lectures, constellation study, demonstrations with the 5-inch telescope including micrometer and spectroscope attachments. Special attention will be given to astronomical magnitudes—sizes, distances, temperatures, velocities, and time conceptions. Recent theories and discoveries will be discussed.

Three hours a week of class room work with observatory work in addition, throughout the first term, Third Year, Senior College.

Text-book: Moulton, "Introduction to Astronomy."

Mathematics 122g. Astronomical Problems

Most of the work for this course will be given at the observatory with the 5-inch equatorial telescope and the meridian circle. The problems will include time and latitude determinations, periods of satellites, correction and adjustment of instruments, etc. This course is specially intended for those particularly interested in the subject, and those expecting to teach it.

Prerequisites: Analytic Geometry, College Physics. A knowledge of calculus and surveying will be very useful though not required.

Three hours a week throughout the second term, Third Year, Senior College.

BIOLOGY**Biology 2a-11b. Physiology, Hygiene, and Sanitation**

This is intended to be a thorough, practical, scientific course in physiology, hygiene, and sanitation for the layman. The work consists of lectures, experiments, demonstrations, and assigned reading. Papers on assigned topics will be prepared by members of the class.

Three hours a week, Spring Semester of the First Year and Fall Semester of the Second Year, Junior College. Required of all students.

Text-book: Hough and Sedgwick, "The Human Mechanism."

Biology 12a. General Botany

This is a course consisting primarily of laboratory and field work. Special study is made of type forms and comparative morphology as a basis for classification. Practical applications are made to agriculture and forestry. Note-books and drawings are required.

Four hours a week, throughout the second term, Second Year, Junior College. Required for science students of Biology Group.

Text-book: Goger, "Fundamentals of Botany."

Biology 101a. General Zoology

This course covers rapidly all the Branches of the animal kingdom. Laboratory and field work are emphasized and note-books and drawings required. Special study is made of type forms and their comparative anatomy.

Four hours a week, throughout the first term, First Year, Senior College. Required for science students of Biology Group.

Text-book: Herrick, "Text-book of General Zoology."

Biology 111a. General Biology

For students who have had little or no previous work in Biology.

The object of the course is to acquaint the student with the methods of biological study and with the fundamental principles underlying the science, and also with the lives of some of the men who have helped to advance it. Much laboratory work is given, and considerable reference reading, with full notes, is required.

Five hours a week throughout the first term, Second Year, Senior College. Elective for arts students only.

Text-book: Needham, "Biology."

Biology 113b-114c. Advanced Zoology

Students wishing to continue their studies in Zoology, with the idea of medical preparation or science teaching, are offered this course. The first semester covers Invertebrate Zoology, the second Vertebrate. With the lectures and laboratory work will be given training in preparation of microscopic and microscopic specimens. A brief history of the science of Zoology will also be given. This course is open to science students who have taken Biology 101a.

Five hours a week throughout the second year, Senior College.

Text-book: To be selected

Biology 121b-122c. Advanced Botany

The purpose and scope of this course correspond to those of the Advanced Zoology course described above. It includes a short course in the morphology, life history, and economic relations of some typical forms of Bacteria; and a study of the morphology, history, and classification of higher plants. Practice in preparation of specimens will be given. A brief history of the science of Botany is included. For science students who have taken Biology 12a.

Five hours a week throughout the Third Year, Senior College.

Text-book: To be selected.

Biology 123a-124b. Normal Nature Study

In this course much field-work is done, and a wide range of natural objects are studied from the teacher's viewpoint. The purpose of the course is to enable prospective teachers to appreciate and, in a measure, to understand, the great resources surrounding the child in his common environment; and to train them to guide the child in his inquiries into the nature of the things he sees.

No previous biological training is essential. Demonstrations will be assigned to students, for which careful preparation, as for practice teaching, will be expected.

Four hours a week throughout the Third Year, Senior College. Elective to students in Department of Education.

No text-book is required. But drawings of assigned subjects, careful notes of the teacher's lectures, and reading of various reference-books, will be expected.

CHEMISTRY**Chemistry 11a, 12b. General Chemistry**

This is a course in general chemistry for colleges and is a prerequisite to all other college chemistry courses.

Three double periods a week throughout the Second Year Junior College.

Text-book: Smith, "General Chemistry for College."

Chemistry 101c-102d. Qualitative Analysis

The simple methods of analysis for determining the presence of the common metals and acids are studied. The student is instructed in the use of principles rather than isolated facts and trained in

inductive reasoning. The course consists mainly of laboratory work with occasional lectures, recitations, and quizzes.

Three double periods a week throughout the First Year, Senior College.

Text-book: A. A. Noyes, "Qualitative Analysis."

Prerequisite: Chemistry 11a-12b.

Chemistry 111e-112f. Organic Chemistry

This includes a survey of the more important members of the aliphatic series and a brief study of the aromatic compounds. Laboratory work consists of the study of typical organic compounds and organic quantitative analysis.

Three double periods a week throughout the Second Year, Senior College.

Text-book: (To be chosen)

Prerequisite: Chemistry 101c-102d.

Chemistry 121g-122h. Quantitative Analysis

The aim of this course is to train the students in making actual analysis of unknown compounds and alloys by gravimetric and volumetric methods. Most of the course consists of laboratory work under the direction of the professor, though some lectures on the general principles involved are given also.

Three double periods a week throughout the third year, Senior College.

Text-book: (To be chosen.)

Prerequisite: Chemistry 111e-112f.

GEOLOGY**Geology 101a, 102b. General Geology**

This course is an introduction to the science of geology, with special reference to conditions in China. Field observations are made in the vicinity, and specimens collected.

Three hours a week throughout the First Year, Senior College.

Text-books: Chamberlain and Salisbury, "Introductory Geology;" Higgins, "Geology of China."

Geology 111c, 112d. Economic Geology

This is a study of the occurrence of the principal minerals of economic value, methods of mining, and preparation for the market with special reference to China.

Three hours a week throughout the Second Year, Senior College.

Text book: (To be selected.)

PHYSICS**Physics 1a, 2b. General Physics**

A course in general physics for colleges. It consists of laboratory work, lectures, demonstrations, problems and quizzes.

Five hours a week throughout the First Year, Junior College.

Text-book: Linebarger, "First Course in Physics."

Physics 101c. Light

A course which, while making a thorough study of the theory and laws of light, gives the student a degree of proficiency in the handling of such optical instruments as the microscope, astronomical telescope, spectrometer, camera, and projection lantern.

Three hours a week throughout the first semester, First Year, Senior College.

Text-book: Edser, "Light for Students."

Physics. 102d. Electricity and Magnetism

In this course, the aim is to develop the student's ability to make careful measurements, as well as to give him a familiarity with the use of electrical instruments by the determination of the important electrical constants. The course also includes a study of terrestrial magnetism, electromagnetic induction, and electrolytic phenomena.

Three hours a week throughout the second semester, First Year, Senior College.

Texts: Carhart and Paterson, "Electrical Measurements."
Hadley, "Magnetism and Electricity."

Physics 111c. Heat and Thermodynamics

A lecture and laboratory course covering the laws of heat and of thermodynamics, as well as properties of gases in general. Vapor pressure and weather forecasting will also be taken up.

Three hours a week throughout the first semester, Second Year, Senior College.

Text-book: Edser, "Heat for Advanced Students."

Physics 112e. Conduction of Electricity through Gases, and Radioactivity

This course, a continuation of Physics 102d, is largely a laboratory course, designed to teach the student the use of the more delicate and refined methods of electrical measurements, particularly of small

quantities. The theoretical part of the work covers the field of electrical discharges, X-rays, wireless, cathode, and radioactive radiations.

Three hours a week throughout the second semester, Second Year, Senior College.

Text-book: McClung, "Conduction of Electricity through Gases."

Physics 121f. Electromagnetic Theory

This course gives a historical review leading up to the present electromagnetic theories of matter. Many of the fundamental experiments upon which the theories have been based, will be repeated, and the student taught to conduct original investigation. An elementary knowledge of Calculus is required.

Six hours a week throughout the first semester, Third Year, Senior College.

Physics 122g. Atomic Theory

A course designed to put the student in a position to understand and follow the fundamental researches at present being undertaken upon the nature and structure of the atom, and the application of this to the various phenomena of Physics. Each student will undertake a problem for original research.

Six hours a week throughout the second semester, Third Year, Senior College.

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Department of Religious Instruction

Religious Instruction, 1a, 2b. Origin and Growth of the Hebrew and Christian Religions

This course considers the Hebrew and Christian religions from the philosophical and apologetic standpoint. Special reference is made to the chief evangelical doctrines. An endeavor is made to have the student meet the questions which a thinking mind inevitably raises, in an atmosphere of faith and intellectual honesty. Free discussion is encouraged. Papers on assigned topics.

Two hours a week throughout the First Year, Junior College.

Text-book: Selected portions of the Old and New Testaments, with the professor's notes and assigned reference reading.

Religious Instruction, 11a, 12b. Social Teachings of the Bible

This is an endeavor to apprehend and apply the ethics of the Bible to human relationships. The class is brought face to face with present social conditions in the world, and invited to solve social problems in the light offered by Jesus. Reference works are consulted and essays required.

Two hours a week throughout the Second Year, Junior College.

Text-book: Selected portions of the Old and New Testaments, with the professor's notes and assigned reference reading.

Religious Instruction, 101a, 102b. Book Studies in the Old and New Testaments

This is an endeavor to familiarize the student with the literature to the English Bible in its broad meanings. Each of the more important books is analyzed and its motif discovered, and an effort made to bring to the student a lasting impression of its personal value to him.

Two hours a week throughout the First Year, Senior College.

Religious Instruction, 111a, 112b. Comparative Religion

In this course a rapid review of the great ethnic religions is made with a study of the underlying psychological and philosophical principles. The neighboring religious institutions are visited and original research encouraged. The positive satisfactions of Chris-

tianity are brought forward, and every effort made to secure the student's intellectual and personal allegiance.

Two hours a week throughout the Second Year, Senior College.

Text-book: Barton, "The Religions of the World."

Religious Instruction 121a. What is Christianity?

This is a course in the principal teachings of Christianity as to God, man, and the world, with a brief survey of the history of the Christian church, the development of sects, and the growth of modern missions. A large amount of reference reading is assigned and papers required.

Two hours a week throughout the first term, Third Year, Senior College.

Religious Instruction 122b. Religious Psychology and Education

This course brings to the students some of the latest investigations in child nature and moral training; and aims to prepare him definitely for undertaking work along the lines of religious education.

Two hours a week throughout the second term, Third Year, Senior College.

Text-book: Coe, "Education in Religion and Morals."

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Department of Social Sciences

Social Science 1a-2b. Ancient History

This course begins with a brief description of pre-historic times as revealed by modern archeological discoveries, and covers the history of the Egyptians, Babylonians, Assyrians, and Persians; and the development of Greek and Roman civilization down to the fall of the Roman Empire. (The history of Eastern Asia and China is treated in the Chinese course.)

Three hours a week throughout the First Year, Junior College.

Text-book: Breasted, "Ancient Times," supplemented by additional readings for library work.

Social Science 11a-12b. Principles of Political Economy

This is a course in the fundamental principles of political economy, and is designed to give a foundation for later studies in Economics and Sociology. It also studies the economic condition of China, and the economic principles and policies which are most needed for the development of a democracy.

Three hours a week throughout the Second Year, Junior College.

Text-book: Carver, "Principles of Political Economy," supplemented by other references and direct observation.

Social Science 13c-14d. History of Modern Europe

This course begins with a brief description of conditions in Europe before and after the barbarian invasions and the fall of the Roman Empire in the West. The work of the first semester covers the period down to and including the Napoleonic wars. That of the second semester continues the work of the first and includes a study of the rise of the German Empire, united Italy, the Industrial Revolution, the causes leading up to the Great War, and a brief description of the conflict and the problems of the Peace Conference and modern world.

Three hours a week throughout the Second Year, Junior College.

Text-book: Robinson, "Mediaeval and Modern Times," with supplement on the Great War; with additional references for library work.

Social Science 103a, 104b. History of China

This course is given in Chinese, and is required of all Senior College students.

Two hours a week throughout the First Year, Senior College.

Social Science 101a-102b. Principles of Sociology

This is a general course in sociology covering the fundamental principles of the science and their application to conditions in China.

Three hours a week throughout the First Year, Senior College.

Text-book: Hayes, "Principles of Sociology," supplemented by other references and direct observation.

Social Science 111a-112b. American History

This course traces the rise and development of the United States as a nation, with particular emphasis upon the nature and value of democratic institutions.

Three hours a week throughout the Second Year, Senior College.

Text-book: Fite, "History of the United States."

Social Science 122f. Educational Sociology

Same as Education 122f. For description see Department of Education, course, Education.

Three hours a week throughout the second term, Third Year, Senior College.

Text-book: Smith, "Introduction to Educational Sociology," supplemented by other references, direct observation, and social service.

Department of Western Philosophy

Philosophy 111a-112b. History of Western Philosophy

This course comprises a study of the development of Western philosophic thought in relation to geographical, literary, and political history.

Three hours a week throughout the Second Year, Senior College.

Text-book: Roger, "A Student's History of Philosophy."

Philosophy 121c. Philosophical Problems

This course examines some of the more important questions that have arisen among Western students of philosophy, and the leading exponents *pro* and *con* in modern times, with a brief historical introduction.

Three hours a week throughout the first term, Third Year, Senior College.

Text-book: Hibben, "Philosophical Problems."

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Department of Education

Education 101a-102b An Introduction to Psychology

In this course are taken up some of the modern methods of psychological research, an outline of the fundamental principles discovered by these methods, and some of their applications to the modern science of education.

Three hours a week throughout the First Year, Senior College.

Text-book: Thorndike, "Psychology," supplemented by other references and experimental work.

Education 111c. Principles of Teaching

This is a course in the general principles of teaching necessary for all teachers, and is largely based on educational psychology.

Three hours a week throughout the first term, Second Year, Senior College.

Text-book: Thorndike, "Principles of Teaching," supplemented by other references and practice teaching.

Education 112d. Methods of Teaching

This course studies some of the definite methods which have been found helpful in the teaching of particular subjects, especially in Middle Schools; and is designed especially for prospective Middle School teachers.

Three hours a week throughout the second term, Second Year, Senior College.

Text-book: Judd, "Psychology of High School Subjects," supplemented by other references and practice teaching.

Education 121e. Religious Education

This course is designed as an introduction to the general principles of religious education, and their application to the religious needs of China. Especially designed for prospective ministers, Sunday School teachers, Y. M. C. A. leaders, or other Christian workers.

Three hours a week throughout the first term, Third Year, Senior College.

Text-book: Coe, "A Social Theory of Religious Education," supplemented by other references, direct observation, and practice teaching.

Education 122f. Educational Sociology

An application of the principles of education and sociology to the needs of modern society.

Three hours a week throughout the second term, Third Year.

Text-book: Smith, "An Introduction to Educational Sociology," supplemented by other references, direct observation, and social service.

Department of Western Languages

FRENCH

French 101a-102b

Grammar and easy reading exercises. Drill in grammar and construction with special emphasis on the verb, the object of the course being not only to open up to the student another foreign language, but also to enlarge his conception of the use of grammar.

Three hours a week throughout the First Year, Senior College.

Text-books: French Grammar, French Without Tears, I. & II.

French 111c-112d

A continuation of 101a and 102b. Advanced grammar, and the rapid reading of a number of simple French classics.

Three hours a week throughout the Second Year, Senior College.

GERMAN

German 103a-104b

Simple exercises and grammar. Early reading of easy texts with a view to building up a reading vocabulary.

Three hours a week throughout the First Year, Senior College.

Text-books: German Grammar, and German Reader.

German 113c-114d

Continuation of 101a and 102b. Grammar and selected tales.

Three hours a week throughout the Second Year, Senior College.

Text-books: (to be selected).

GREEK

Greek 11a-12b

This course is intended for those who expect to enter the Nanking Theological Seminary. Special attention will be given from the start to N. T. Greek. The inductive method will be used. The object is to prepare the student to read N. T. in the original.

Three hours a week throughout the Second Year, Junior College. (elective).

Text-book: Stuart, "N. T. Greek Lessons."

Middle School Curriculum

While the course of study in the Middle School furnishes general knowledge useful in any walk of life, it is intended primarily to prepare students for further cultural and professional study. For those going out at once to teach, a special elective course in the principles and methods of education is offered. It is possible that one or two commercial courses may be added later, if there is sufficient demand.

COURSE OF STUDY IN THE MIDDLE SCHOOL

Showing number of hours per week required in each subject

FIRST YEAR	Fall Term		Spring Term	
Chinese Composition	2		2	
" Literature	3		3	
" Classics	2		2	
" History	2		2	
English	8		8	
Mathematics	5		5	
Religious Instruction	2		2	
Science	3		3	
		27		27
SECOND YEAR				
Chinese Composition	2		2	
" Literature	3		3	
" Classics	2		2	
" History	2		2	
English	8		8	
Mathematics	4		4	
Religious Instruction	2		2	
Science	3		3	
Geography	2		2	
		28		28

THIRD YEAR

Chinese Composition	2	2
" Literature	3	3
" Classics	2	2
" History	2	2
English	6	6
Mathematics	4	4
Religious Instruction	2	2
Science	4	4
	25	25

FOURTH YEAR

Chinese Composition	2	2
" Literature	3	3
" Classics	2	2
" History	2	2
English	6	6
Mathematics	3	3
Religious Instruction	2	2
Science	4	4
Economics	3	3
	27	27

CHINESE

Chinese A-B

This course comprise a study of selected literature of the Sung, Yuan, Ming, and Tsing Dynasties, as well as specimens of up-to-date Chinese. Two hours a week are devoted to composition. The Tso-chuan is explained, and Chinese history is reviewed from the earliest ages down to the T'ang Dynasty.

Nine hours a week throughout the First Year.

Chinese C-D

This is a continuation of A-B, the history being brought down to the present.

Nine hours a week throughout the Second Year.

Chinese E-F

In this course the standard writings of the Han and T'ang dynasties are examined, and the student's ability to write his own language is further developed and tested by weekly essays. In the fall term a rapid review is made of the history of Eastern Asia; in the spring term, the history of Western nations is begun.

Nine hours a week throughout the Third Year.

Chinese G-H.

This course is a continuation of E-F. The Tso-chuan is finished and world-history brought down to modern times.

Nine hours a week throughout the Fourth Year.

ENGLISH**English A.B. Speaking, Reading and Grammar**

Students who enter the Middle School are expected to have a good elementary knowledge of the subject, two years of work in English being required for entrance. The work of the First Year emphasizes listening correctly, speaking, reading, and writing, in the order named. The oral, direct method is used.

Eight hours a week throughout the First Year.

Text-books:

First term—Graybill, "Mastery of English," Book III;
"Commercial Press Grammar," number two.

Second term—Baker and Thorndike, "Third Reader;"
"Commercial Press Grammar," number three.

English C.D. Reading, Grammar, and Composition

A continuation of English A-B, with more time given to reading. Weekly compositions of one paragraph are written in class.

Eight hours a week, throughout the Second Year.

Text-books: Baker and Thorndike, "Fourth Reader;"
Gee, "Science Reader," Book II;
Mother Tongue, Book II.

English E.F. Reading, Grammar, and Composition

More advanced reading is required. Weekly compositions of two paragraphs are written in class.

Six hours a week throughout the Third Year.

Text-books: Baker and Thorndike, "Fifth Reader;"
Gee, "Science Reader," Book IV;
Mother Tongue, Book II.

English G.H. Reading and Rhetoric

Compositions of one page are required weekly, written under supervision in class. Reading correctly and conversational use of the material covered is required. An oral examination as well as a written one will be given at the end of the year. Work in grammar is completed in this course.

Six hours a week throughout the Fourth Year.

Text-books: Allen, "Asia."

Baker and Thorndike, "Sixth Reader."

Lewis and Holic, "Practical English for High Schools."

MATHEMATICS**Mathematics A. Practical Arithmetic**

In this course there is a review of the principles of arithmetic.

Special emphasis laid on speed and accuracy of simple computations.

Five hours a week throughout the first term, First Year.

Text-book: (to be selected.)

Mathematics B. Beginning Algebra

An elementary course in algebra.

Three hours a week throughout the second term, First Year.

Text-book: Wentworth, "Elements of Algebra."

Mathematics C-D. Algebra

This course is a continuation of Mathematics B.

Three hours a week throughout the Second Year.

Text-book: Wentworth, "Elements of Algebra."

Mathematics E-F. Plane Geometry

This is an elementary course in geometry.

Three hours a week throughout the Third Year.

Text-book: Wentworth, "Plane and Solid Geometry."

Mathematics G. Solid Geometry

This course is a continuation of Mathematics E. It covers solid geometry.

Three hours a week throughout the first term, Fourth Year.

Text-book: Wentworth, "Plane and Solid Geometry."

Mathematics H. Bookkeeping

This is an elementary course in business forms and the setting down and balancing of accounts, single and double entry.

Three hours a week throughout the second term. Fourth Year.

Text-book: Montgomery, "Book-keeping."

THOSE EXPECTING TO TEACH AFTER GRADUATING FROM THE MIDDLE SCHOOL MAY SUBSTITUTE THE COURSE IN EDUCATION FOR SOLID GEOMETRY AND BOOKKEEPING.

RELIGIOUS INSTRUCTION**Religious Instruction A-B**

Biographical and Historical Studies in the New Testament.

In this course the origins and development of the Christian Church are given in outline, with special studies in the life of the Founder and His chief apostles. The geography and political conditions of New Testament times are traced.

Two hours a week throughout the First Year.

Text-book: The New Testament, selected portions with notes.

Religious Instruction C-D

Biographical and Historical Studies in the Old Testament.

This course gives an outline of Hebrew history with special reference to the great leaders of Israel.

Two hours a week throughout the Second Year.

Text-book: The Old Testament, selected portions with notes.

Religious Instruction E-F

The Life of Christ.

This course gives a detailed survey of the Gospels of Matthew and John. The journeys of Christ are traced on the map, and the chronology of His ministry outlined. An outline of the chief events their mutual relations is given.

Two hours a week throughout the Third Year.

Text-book: The Gospels of Matthew and John with the professor's outlines and notes.

Religious Instruction G-H

The Beginnings of the Christian Church.

This is a course in the Book of Acts, with other historical material derived from the New Testament. Special attention is given to

the principles underlying church life and church work, as a guide to present-day practice.

Two hours a week throughout the Fourth Year.

Text-book: The Book of Acts, with the professor's Notes.

SCIENCE**Science A-B. C-D. Geography**

This is a general course in advanced geography. The relation of physical conditions to the distribution of population, social conditions, etc., is the standpoint from which this important study is taken up.

Four hours a week throughout the First Year, and two hours a week throughout the Second Year.

Science C-D. Elementary Biology

This course is a general introduction to the biological sciences, including botany, zoology, hygiene, and sanitation. It is intended to create in the student a love for Nature, to give a little conception of the wonderful structure of the living organism, to discover the fundamental laws to which all living things are subject, and to give a foundation for further work in science. The course includes laboratory work, demonstrations, lectures, and quizzes. It is based on Bigelow's Applied Biology, but no text-book is required. Assigned reading in the Library is required.

Four hours a week throughout the Second Year.

Science E-F. Elementary Physics

This is a general course in elementary physics. Special emphasis is laid on inductive reasoning, the fundamental principles being developed from the laboratory exercises performed by the student.

Four hours a week throughout the Third Year.

Text-book: Black and Davis. "Practical Physics."

Science G-H. Elementary Chemistry

In this course three hours a week are devoted to laboratory work with occasional lectures and demonstrations. In the fourth weekly period the teacher reviews the essential principles of the week's work and quizzes the students.

Four hours a week throughout the Fourth Year.

Text-book: McPherson and Henderson, "First Course in Chemistry," with Laboratory Manual.

ECONOMICS**Economics. G-H**

This course aims to acquaint the student with basic principles of the civic, commercial, and industrial world that surrounds him, and to prepare him for immediate or later active participation therein. Observation of current events and conditions is encouraged, and essays required on assigned topics.
Four times a week throughout the Fourth Year.

Civics. G-H

This is a course similar to the above, taught in the English Language. It may be substituted for Economics, G-H., provided as many as five students so elect.

Four hours a week throughout the Fourth Year.

Text-books: Duncan, "Economics"
Dunn, "The Community and the Citizen."

EDUCATION**Education. G-H**

This is an elementary course in the science and art of teaching, open as an elective and intended specially for those who are expecting to teach after completing the Middle School course.

Four times a week throughout the Fourth Year alternative with Solid Geometry and Bookkeeping.

General Information*Entrance Requirements.*

1. Applicants must be at least fourteen years of age, of good moral character, and have the equivalent of a Higher Primary School education. For time of applying, see calendar on page 1.
2. Applicants from other schools should bring satisfactory statements as to grades and conduct, or diplomas.
3. Entrance examinations will be held on advertised dates shortly before the close of each semester; a supplementary one is held at the beginning of each term.
4. A fee of one dollar is required from all taking the entrance examination. This should be accompanied by a photograph of the applicant, at least four inches long, and a statement of his antecedents and what he has previously studied.
5. Those desiring to enter the first year of the Middle School will be examined in Chinese composition, English, and arithmetic. They should be able to write an intelligible and legible Chinese composition of at least three hundred characters. The examination in arithmetic includes the four principles, fractions, decimals, and proportion; in English, a grammar and reader and the ability to carry on a simple conversation in English. Those desiring to enter more advanced classes will be examined on science, geography, and Chinese history in addition. Those failing to pass for any grade must be re-examined to enter the grade below.
6. Any student presenting a diploma of graduation from a Middle School connected with the College will be tentatively admitted into the first year Junior College, with the understanding that if found unqualified he shall be put into a

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lower class. All others are admitted only upon passing a satisfactory examination covering in general the subjects of an ordinary Middle School Course.

7. Students failing to register and pay their semester-dues on registration day will be charged one dollar additional. After three days, the fine becomes \$2.00. No students are received after two weeks have passed, except by special arrangement.

8. Each student admitted to the institution must present two papers promising to abide by the rules of the College, one signed by himself and the other by a responsible middleman.

9. Admission to classes is by card, which is only given after all classes are decided upon and all fees for the semester paid.

10. In assigning rooms, preference is given to all old students who ask for same before end of previous term, and pay the required deposit of \$3.00. All other students are given rooms in order of applications.

11. All students, both old and new, must undergo a physical examination at the beginning of the fall term.

Expenses.

1. The annual charges are as follows:

Board.....	\$40.00
Room and lights.....	10.00
Tuition	40.00

Total..... 90.00

payable in two instalments of \$45.00 each.

2. An athletic fee of \$1.00 is collected from each student each semester.

3. Each student must be provided with such uniform and school garb as may be required. At present the initial cost is \$11.00.

4. A library fee of \$1.00 in the College, and 50 cents in the Middle School, is collected from each student each semester.

5. No money is returned to students who leave during the semester or who are expelled.

6. Students are held responsible for any damage inflicted by them on College property, and a deposit of \$3.00 is required from each student on entrance, to cover his share of loss or damage to College property.

7. A laboratory fee of \$3.00 per annum in the Middle School, and \$5.00 per annum in the College is required of all students taking Chemistry. This fee is payable at the beginning of the fall term.

8. All the above fees are payable on the registration day of each semester.

Examinations.

1. Final examinations are held at the close of each semester.

2. Mid-term tests are held at the discretion of the faculty.

3. The passing grade is seventy-five per cent.

4. The final term grade is averaged from the daily grades of the term, counted as one-third, the combined grade of the tests, counted as one-third, and the final examination counted as one-third.

5. Students who are absent from a regular final examination, or who fail to pass on the term's work, will not be allowed to continue their studies unless they make up the work and take an examination, before the beginning of the next semester. Special examinations on other dates are given only by permission and a fee of one dollar is charged.

6. Conditioned students, i.e., those who attain a grade of sixty per cent or over for the term, but under seventy-five will be allowed a special examination at the beginning of the next semester—all others must take again the work in which they have failed. Those failing in three subjects will be put back one class.

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7. Any student absent as much as one-third of the term will not be given credit for the term's work.

8. Absence from class, whether at the beginning of the term, or later, for any cause, is counted as zero.

Graduation.

1. The course of study covers four years in the Middle School and two years in the Junior College, and three years in the Senior College.

2. Those who satisfactorily complete the Senior College curriculum will be given the B.A. or the B.S. degree; those who satisfactorily complete the work of the Junior College will be given a certificate.

3. Students for the ministry, who complete Junior College at Hangchow, and graduate from the course for Junior College graduates at the Nanking Theological Seminary, will be granted a B.A. degree from Hangchow College.

4. Those who satisfactorily complete the Middle School course of study will be given a Middle School diploma.

5. Students in either the College of the Preparatory Department, who are unable to carry all the work of their class, may, at the discretion of the faculty, take a minimum of 15 hours per week. Bible and Chinese studies may not be omitted. A diploma will be given only on the completion of the full course of study.

6. The Faculty reserve the right to withhold diplomas from those who in their opinion are not qualified for graduation, and to grant diplomas in exceptional cases where outstanding achievements may make up for slight irregularities in the course of study.

Conduct.

Few specific rules of conduct are made. All students are put on their honor and are supposed in all their dealings with teachers and fellow-students to deport themselves as

gentlemen. They are expected to be courteous at all times, and to conduct themselves properly in class-room, study hall, dormitory, and dining-hall and on the campus. All offenses against the rules, and absences from required exercises, will be strictly dealt with.

The use of improper language, tobacco, and wine, is forbidden.

Any student whose conduct is such as to hinder his own development or that of others is liable to demerits, suspension, or expulsion. CHEATING IN EXAMINATION IS CONSIDERED UNPARDONABLE, AND MEANS INSTANT WITHDRAWAL OF THE GUILTY PARTY.

Spending Money.

Parents are earnestly requested not to allow their sons too much spending money, but to co-operate with the College in encouraging habits of thrift and wise investment.

Religious Exercises.

Daily chapel exercises are held at which all students are required to be present.

There are two services on Sunday which all students are expected to attend: the morning preaching service and the Sunday Bible Class. Sunday is not counted as a holiday.

On Sunday afternoon many of the students go out to the neighboring villages to hold meetings, conduct Sunday schools, etc.

EACH STUDENT MUST BE PROVIDED WITH A BUDGET AND GOODRICH HYMNAL AND A MANDARIN BIBLE. THESE MUST BE BROUGHT TO ALL RELIGIOUS SERVICES AT WHICH ATTENDANCE IS REQUIRED.

College Church.

A church has been organized in the College to which all students who are members of evangelical churches are expected to bring letters of dismissal.

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Young Men's Christian Association.

This Association is one of the oldest in China. A reception is tendered by the association to the new students at the opening of each semester. Bible-study classes are organized, and other forms of Christian work are carried on.

The Association has a reading room with a large number of valuable books and periodicals.

Library and Reading Room.

The College Library and Reading Room are open to the students every day, from 7.30 a.m. to 9.30 p.m.

Literary Societies.

Four literary societies have been organized which meet on Saturday nights with members of the teaching force as advisers. Two societies in the College Department are trained chiefly in English; two others in the Middle School use the Chinese language. Participation in one or another of these societies is urged on every student. A contest will be held near the close of each semester, and prizes offered to the winners.

Athletics.

Every effort is made to encourage physical development, and each student is required to take part in some form of athletics, at least three times a week. Equipment has been provided for volley ball, basket ball, tennis, football, military drill, rowing, and track work. Match games are arranged under supervision of a committee representing students and faculty. The following are the faculty rules on athletics:

1. There shall be a committee known as the Faculty Committee on Athletics consisting of three members selected by the faculty.
2. The duty of this committee shall be to have general oversight of athletics in the College. This committee shall

also be the final authority in all question concerning athletics in the College.

3. Vouchers for all expenditures beyond those of a budget approved by the Faculty Committee on Athletics at the beginning of the term must be countersigned by the chairman of the Faculty Committee.

Medical Attendance.

The College provides medical inspection and medicines to all students without charge. Ordinary cases are treated at the College and patients requiring special care are sent to the mission hospital in the city.

Holidays.

Saturday forenoons are devoted to regular work and no work is required on Saturday afternoons. For other holidays see the calendar on page 1.

Leave of absence is granted only on written request from parent or inidleman, sent to the President by mail. The reason for requesting leave of absence should be stated.

Mail Facilities.

The post office is in the nearest suburb of Hangchow known as Zahkou and by special arrangement mail is collected and delivered at the College twice daily. All correspondence should be addressed Hangchow Christian College, Zahkou, Hangchow.

Railway Station.

Persons coming by the Shanghai-Hankow Railway should purchase tickets to Zahkou Station which is within thirty minutes' walk of the College (and not to the Hangchow City Station, six miles away). All baggage and freight should be sent to Zahkou.

Time Limit of Announcements.

All announcements in this volume apply for the current session 1921-1922.

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Students' Aid

Although the rates of tuition and other expenses are kept as low as possible yet there are many worthy and ambitious young men who are unable to secure an education without further help. To meet this need the Board of Directors of the College have approved of certain principles and rules and appointed a committee of the Faculty and Board on Students' Aid.

All students are required either by cash payment, work, loan, or scholarship to pay \$90.00 per year to the College for board and tuition.

For a limited number of worthy students who cannot pay the whole amount in cash special provision has been made as follows:

1. **Employment Bureau.** The student works two hours per day during the school session and receives credit for \$30.00 for the year. The work done by students consists in keeping the buildings and campus clean, waiting on teachers, care of laboratories, class rooms, library, reading rooms, mimeographing, typing, and other office work. The student is expected to do conscientiously and faithfully any work assigned to him by the teacher to whom he is responsible for doing it. The maximum number admitted to the privileges of any help is 30% of the student body. Application to enter this department should be made early.

2. **Loan or Deferred Payment.** Upon recommendation by his pastor or other reliable sponsor a student in the College Department may be allowed to borrow a limited sum toward his school fees to be repaid to the College within five years after leaving the College.

3. **Special Scholarships.**

a. There are annually granted in the College Department 12 scholarships of \$30, one each to the following Middle Schools:

Kashing High School.
 Vincent Miller Academy, Soochow.
 Lowrie Institute, Shanghai.
 James Sprunt Academy, Kiangyin.
 Presbyterian Academy, Ningpo.
 Provincial Middle School No. 2, Kashing.
 Anding Academy, Hangchow.
 Provincial Middle School No. 6, Taichow.
 " " " " 7, Kihwa.
 Burton Memorial High School, Chinkiang.
 Hsuehoufu Mission Middle School, Hsuehoufu.
 Hangchow College Middle School.

Nominations are made by the authorities of the respective Middle Schools, but recipients can only continue to hold the scholarships with the approval of the College Faculty.

b. In the Middle School there are granted annually five scholarships of \$30 each and five scholarships of \$40 each, until a total of twenty of each kind has been reached. These are awarded on the basis of attainment, good conduct, and need, and may be revoked at any time when such conditions cease to exist. The granting of loans to Middle School students is discouraged.

The sons of ministers and evangelistic workers of any evangelical denomination are entitled to free tuition: that is, are required to pay only \$50.00 per year.

The above-mentioned scholarships are made possible partly through the aid of the Ellen King Memorial Fund, gold \$2000 at 6%; the Stuart Norfleet Memorial Fund, gold \$4000 at 7%, and the William Bingham Lynch Memorial Fund, gold \$1500 at 6%; interest on which funds goes to help worthy students in this way.

All applications for aid should be made to the President in writing, at least two months before the opening of the fall term.

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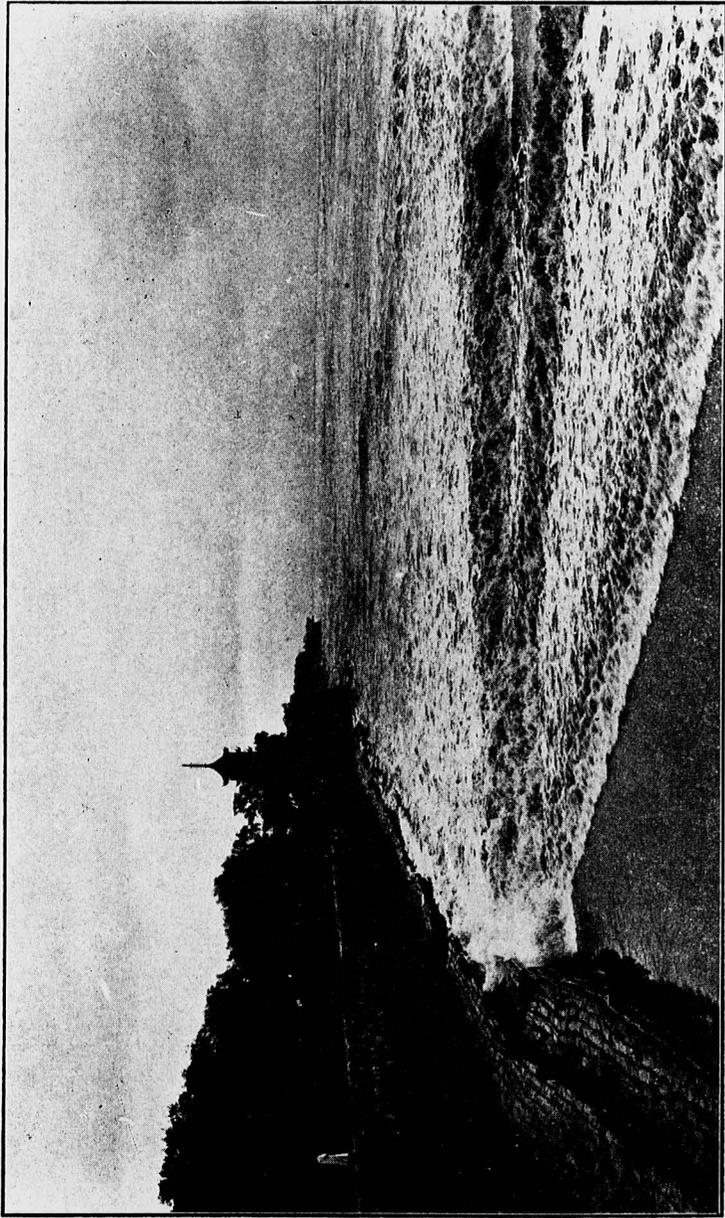
杭州之江大專學校專程

中華民國十年六月修訂

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THE TIDE ON THE CHIEN TANG RIVER

杭州之江天宮塔車程

中華民國十年

上海華美書局排印

西歷一千九百二十一年

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之江大學	校章	附錄
第十章	建築部	
第十章	建築	
第九章	校址	
第八章	宗旨	
第七章	立案	
第六章	組織	
第五章	本校學史	
第四章	職員部	
第三章	董事部	
第二章	贊助部	
第一章	校歷	
杭州之江大學校章程序次		

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第三十章	附則
第二十九章	減費
第二十八章	假期
第二十七章	疾病
第二十六章	運動會
第二十五章	演說會
第二十四章	藏書室閱覽室

第二十三章	青年會
第二十二章	之江教會
第二十一章	宗教事宜
第二十章	操行
第十九章	畢業
第十八章	考試
第十七章	繳費
第十六章	入學
第十五章	附屬中學科
第十四章	附屬中學科學程及每星期教授時數表
第十三章	大學預科本科教授要旨
第十二章	大學預科本科學程

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之江大學校章程

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運動會	四月十七日
植樹節	四月十五日(本校回國同學會聚餐會期)
開課	二月十五日
舊學生補效	全上
到學費	二月十四日
入學試驗	二月九日
新生報效	一月廿一日至二月九日
寒假	一月二十二日起至二月九日
學期試驗	一月十六日至十九日
年假	十一月一日(二)日(三)日(補放)

民國十一年春季學期

耶穌聖誕	十二月二十二日
浙江光復紀念	十一月五日
國慶日	十月十日
孔子生日	九月廿八日
中秋節	九月十六日
開課	九月十五日
舊學生補效	全上
到學費	九月十三日至十四日
入學試驗	九月八日
新生報效	八月十五日至九月八日

第一章 校歷 民國十一年秋季學期

之江大學校章程

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之江大學校章釋

副長 康福安教師
部長 俞國楨牧師
上海

第二部 董事部 住址

樂蘭君 美國雅典巨商

諸福利君 美國溫斯頓沙林巨商

馬爾登君 美國大衛孫大學校長

樊資君 美國納司斐耳長老會牧師

郝金生君 美德那弗長老會牧師

何雅各君 美國華李大學教員

麥攷理君 美國楷得生格麥攷理中學校長

懷樹德君 美國牛海文耶路大學教員

傅拉明君 美國紐約神學佈道教員

司徒爾君 美國奧奔神學校長

吳雅各君 美國波得蘭日報館主

伊文思君 美國舊金山西境大學校長

甘卜君 美國醒斯那底象牙肥皂公司股東

巴爾君 美國舊金山銀行副總理

副長 普拔德君 美國納司斐耳南長老會差會幹事

部長 史比亞君 美國紐約北長老會差會總幹事

第一章 贊助部

暑假 六月廿三日起

學期試驗 六月十九日至廿二日

舉行畢業式 六月十七日

夏節 五月三十一日

之江大學校章釋

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之江大學校章程

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鮑乃德先生	杭州
聶雲台先生	上海
吳震春先生	北京
章爾遜先生	本校
王令廣教師	本校
吳維德教師	杭州
陳純牧先生	杭州
路振文教師	餘姚
花第生教師	嘉興
費佩德教師	杭州
竇維思教師	嘉興
周茂功教師	杭州

本校校長

本校

第四章 職員部

姓名	字	職務
王令廣		副校長兼會計學法文教員
王師母		英文兼宗教學教員
李升堂	蘭階	化學算學教員
馬爾濟		生物學教員
司徒華林		校長兼哲學史教員
司徒師母		英文兼宗教學教員
章爾遜		建築部主任兼算學教員
朱克勤	東湖	國文教員
九		前清廩貢生
		工程師
		學士
		學士
		學士
		齊魯大學畢業生
		碩士
		碩士
		資格
		碩士
		神學士

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丁愷豐 校務主任
 王錦林 監學兼庶務
 陳靈生 秘書室主任兼物理學教員
 陸克勤 英文兼宗教學教員
 濮克明 英文兼社會學教員
 黃以德 道甫 監學兼庶務
 蔣旭桐 琴軒 國文教員
 沈文蔚 生理學兼宗教學教員
 陳煥德 咸池 算學音樂教員
 嚴忠元 伯良 生物學算化學教員
 王瑞書 耀奎 地理歷史教員
 臧承宣 益鄉 國文歷史經訓教員
 前清副貢
 南京高等師範畢業生
 本校畢業生
 本校畢業生
 本校畢業生
 本校畢業生
 本校畢業生
 學士 神學士
 學士 神學士
 前清
 南京高等師範畢業生

柯雷登 英文教員
 恽華德 英文兼經濟法制教員
 趙見微 國文教員
 徐鑾堂 國文教員
 伊聞四 物理學教員
 學士 碩士

學士
 學士
 學士
 工程師
 浙江政法學校畢業生
 學士 碩士

第五章 本校歷史

本校於西歷一八四五年為美國北長老會出資創辦時校址尚在甯波江北岸
 一八六七年由甯波江北岸遷杭州珠冠巷旋由珠冠巷遷海吟巷再由海吟巷遷皮市巷

一八九九年更遷入塔兒巷即所謂育英書院是也至是規模已宏敞矣當中國變法後教育事務驟形發達就學於育英書院者日益眾乃至校舍有不能容之勢爰是

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本校之宗旨以基督之精神與感動力施行高等之教育於中國一賦之青年造就之

第八章 宗旨

辦理校務以及給予學位等等

董事部代表表之其立案之証書有完全法律上之承認得享法律上之權利如置產
理本校職權委託理事人代表美國南北長老會行教機關而在中國以本校之
一九二〇年十一月本校已在美國哥倫比亞州華盛頓京城立案其發起人已將辦

第七章 立案

校務規定學生各種放試延誥其他各職教員以及學校內容種種辦法之職權
校長及職員會之職員由董事部之選定經南北兩差會所承認者有編定課程管理

在美國設立贊助部庶本校之教育業得其贊助能充分發展

均推任之又二入由本校同學會推任之又三入為董事部所延請贊助本校者近更

十六入其中六入由南北兩差會平均推任之四入由中國長老會鄰近之四中會平

本校係美國南北長老會兩差會合資創辦其直接監督權由董事部掌之董事部共

第六章 組織

大學校於一九二〇年已在美京華盛頓政府立案得有授予畢業生學士學位之權

學校年來學科程度逐漸增高設大學預科本科而中學附屬之故又定名曰之江

校址俯臨錢塘江形江三折似之字亦稱之江校以地重故育英書院易其名曰之江

一九二一年由城中大埠兒巷遷移來此實為本校之新紀元規模鉅麗迥舊觀遠矣

備

一九二〇年本校得美國南北兩差會合資舉辦於是經費益形充厚組織亦愈見完

一九〇七年於杭州城外江干二龍頭地方購地數百畝汲汲建築而校舍以成

即謀以推廣之

一至東西兩齋約可容學生二百餘人

扶欄後各有門第二層中間由東至西為長弄向南者共十室向北者共十
 間有弄隔之其右首則統為會食室^{室內}為近^近扶欄之左向北者共五室^{室內}為一^一弄之東端會食室之西端及
 直進為扶欄大門之左向南者共五室扶欄尺凡三層第一層正中為大門由大門
 砌成計東西一百四十五英尺南北四十四英尺西齋居教室西齋居教室西齋均用上等紅色

(乙)東西宿舍 居教室東齋居教室東齋居教室東齋居教室

為各科教室及藏書室閱覽室
 正為總教教室東為化學教室西為物理教室第二層中間仍為長弄南北各室分
 有門南北各室分為事務室會客室青年會遊藝室書室青年會藏書室電話室第一層
 中間由東至西為長弄夾向北中間二室為左右扶欄弄之東西及左右扶欄後各
 十英尺凡三層第一層正中為大門左右向南者共八室進之向北者共五室
 (甲)教室 位置適當山前正中用上等紅色觀成東西一百五十英尺南北五

第十章 建築

夕陰象森羅風景始居全國之上近又自關口火車站至本校添築馬路以便交通
 面江流激盪之隔江趣山縱橫飛翠送青撲人眉宇東望海門尤一白無際洵乎朝之
 六和塔凌虛湧出右則稍近者為五雲山稍遠者為獅子山以擊嶺其背為山之
 大廣計五百畝山前平衍為校舍建築所而山後則彌裁各種花草菓木左為月輪山
 杭州形勢雄壯以之江為天塹本校位置據之江沿岸俗呼二龍頭者是高可五十

第九章 校址

尙之道德可以裨益社會
 (一)使學生個人得由信仰基督二使學生富有生活上之能力三使學生有高
 言曰六十年前本校之創辦者曾發表本校之宗旨有二至今有令人不能忘者其
 使為服務社會及國家之領袖是也

1250

等入應社會國家重要之需求為目的

度以上之普通人才及特別預備入本大學或他大學之本科為目的本科以造成高
編制(本大學參照中美學制定預科二年畢業本科三年畢業預科以培植中學程

第十一章 大學預科本科學程

學以及種種設備之用

以專門之知識指示而監督之有公平之價值除開支外所購得者可作學校購買儀
一九二〇年本校設立建築一部專事測量繪圖并可為鄰近之教會房屋之建築得

第十一章 建築部

足球場亦極完善適用正山谷中一天然便於觀覽之大舞臺也

(辛)運動場於民國七年春完成其賽跑圍之大計有一英里之五分之一其間之
先生者

堂唱歌之用此堂為美國紐吉賽省都克先生之家屬所捐造所以紀念其父都克

堂石為牆中用堅實之本堂內寬廣可容坐五百人現又定造風琴一架為於此禮

(庚)禮堂 堂在教室之右偏總於民國五年秋已於八年春落成其建築法四圍

於家居)西歷一九一五年建築

(己)本國教員住宅 本校之東頭龍頭山上建築中國教員住宅三宅高燥清潔宜

常)以上各建築物均於西歷一九一〇年告竣

堂京銜之室本校於東西兩分建京銜室均用上等紅色磚砌成窗牖四圍爽淨異

(戊)京銜室 飲食之道關係衛生故京銜室必以清潔為主欲求京銜室清潔不可不注

臺之制度四週架屋而圓其前內置天文鏡以觀測天體俾學者得收實驗之功

(丁)天文臺 研究天文須尚實驗本校構臺於山巔以石和水門砌成極精極

軒敞則同計已成者共得五宅屋四週時新時亞氣流入實足增人體健康

(丙)西國教員住宅 由教室以上隨山勢之高下而建為教員住宅雖形式不一而

以表之

倘有分先後之必要時得以小寫英文字母之 a b c d 等字綴書於數碼字之後
若本科回學之科目

本大學預科各科目之符號以一百數以上之數碼字表之并不能以預科之科目代
本大學預科各科目之符號以一百以內之數碼字表之

表于學期所習科目

本大學預科本科各科目之符號以數碼字表之單數代表上學期所習科目偶數代
本大學附屬中學各科目之符號以英文字母表之

說明(本大學各科目之符號均綴書於各該科之上

(三)其未習各科目須乘機補習

重習者須受本校嚴重試驗及格方准免重習

(二)在本校大學科內有一科或數科在該校已畢習或已完全自修欲要求免其

(一)須得有該校長之要求書

定有通融之辦法如下

上述各中學校優等之畢業生希望將本校大學部五學年科程於四學年中速成者
年級畢業得免入學試驗

凡本校附屬中學部及向有特別聯絡之數回宗中學校畢業生入本校大學預科一
學年平均支配每學年當有四十學量

課二小時作為一學量自大學預科一年級為始至本科畢業止共計二百學量以五
學量(於一學期中每星期上課一小時者為一學量但關於實驗諸學科每星期上

有五入以上之學生始得開班)

科即(本大學先設文預科文科理科理科其理科又分數理及生化系

E250

E250

大學預科課程表

科目	上學期		下學期	
	科號	學量	科號	學量
總計		19		18
經濟	I3a	3	I4b	3
歷史	I1a	3	I2b	3
生物	3b	3		
英文	I1c I3c	5	I2d I4d	7
國文	I1c I3c	3	I2d I4d	3
宗教	I1a	2	I2b	2
總計		21		21
歷史	I1a	3	2b	3
物理	I1a	3	2b	3
生物			2a	3
算學	I1a	3		
英文	I1a 5a	7	2b 6b	7
國文	I1a 3a	3	2b 4b	3
宗教	I1a	2	2b	2

大學預科課程表

科目	上學期		下學期	
	科號	學量	科號	學量
總計		21		21
經濟	I3a	3	I4b	3
化學	I1a I1b	3	I2a	3
生物	I1c I3c	3	I2d	3
算學	I1c I3c	5	I2d I4d	5
國文	I1c I3c	2	I2d	2
宗教	I1a	2	I2b	2
總計		21		21
歷史	I1a	3	2b	3
生物			2a	3
物理	I1a	3	2b	3
算學	I1a	3	2b	3
英文	I1a 5a	7	2b 6b	5
國文	I1a 3a	3	2b	2
宗教	I1a	2	2b	2

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大學文科學科課程表

	科目	上學期		下學期		
		科號	學量	科號	學量	
第一學年	宗教	IO1a	2	IO2c	2	
	國文	IO1a	1	IO2	1	
	英文	IO1a IO1c	4	IO2b IO2f	4	
	生物			IO2a	4	
	社會	IO1a IO3a	5	IO2b IO4b	5	
	各國文	IO1a	3	IO2b	3	
	教育	IO1a	3	IO2b	3	
	總計		18		22	
	第二學年	宗教	IIIa	2	II2b	2
		國文	IIIa	3	II2c	3
英文		IIIc IIIa	5	II2d II2b	5	
歷史		IIIa	3	II2b	3	
各國文		IIIc	3	II2d	3	
教育		IIIc	3	II2d	3	
哲學		IIIa	3	II2b	3	
總計			22		22	
第三學年	宗教	I21a	2	I22c	2	
	國文	I21c	3	I22d	3	
	英文	I21c I23a	5	I22f I24b	5	
	生物學	I21a	3	I22b	3	
	教育	I21c	3	I22f	3	
	哲學	I21c	3	I22d	2	
	總計		19		18	

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大學理數學科課程表

	科目	上學期		下學期		
		科號	學量	科號	學量	
第一學年	宗教	IO1a	2	IO2b	2	
	國文	IO1a	3	IO2b	3	
	英文	IO1a IO1c	4	IO2b IO2d	4	
	物理	IO1c	3	IO2d	3	
	化學	IO1c	3	IO2d	3	
	算學	IO1e	3	IO2f	3	
	教育	IO1a	3	IO2b	3	
	總計		21		21	
	第二學年	宗教	IIIc	2	II2b	2
		國文	IIIc	3	II2d	3
英文		IIIa	1	II4b	1	
物理		IIIc	3	II2e	3	
化學		IIIc	3	II2d	3	
算學		IIIb	3	II2b	3	
教育		IIIc	3	II2d	3	
總計			18		18	
第三學年	宗教	I21a	2	I22b	2	
	國文	I21c	3	I22f	3	
	物理	I21f	3	I22g	3	
	算學	I21c	3	I22g	3	
	化學	I21g	3	I22h	3	
	教育	I21e	3	I22f	3	
	總計		17		17	

大 學 本 科 生 化 學 系 課 程 表

學年	科目	上 學 期		下 學 期	
		科 號	學 量	科 號	學 量
第 三 年 學	總 計		17		17
	教 育	121c	3	122f	3
	化 學	121g	3	122h	3
	生 物	121b	6	122c	6
	國 文	121e	3	122i	3
	宗 教	1211	2	122j	2
	總 計		18		18
第 二 年 學	總 計		18		18
	教 育	111c	3	1121	3
	地 質	111c	3	1121	3
	化 學	111c	3	1121	3
	生 物	113j	3	114c	3
	英 文	1131	1	114j	1
	國 文	111i	3	1121	3
宗 教	111c	2	112d	2	
第 一 年 學	總 計		21		21
	教 育	1011	3	102j	3
	地 質	1011	3	102j	3
	化 學	101i	3	1021	3
	生 物	1011	3	102b	3
	英 文	101a	4	102b	4
	國 文	1011	3	102j	3
宗 教	1011	2	102j	2	

第 十 二 章 大 學 預 科 本 科 教 授 教 員

宗 教 學 門

1. 猶大教與基督教之起源及其發達(此科在預科第一學年習之以哲理及求考証之觀念研究猶大教與基督教之兩大宗教注重現今基督教各派所公認之要理務使學生以信仰與事實之態度研究凡思想者所必有之疑問各種討論須鼓勵之更須命題作論說定一學年習畢每星期上課二小時

2. 新舊約之社會訓(此科在預科第一學年習之研究基督教經之倫理及推及於現今之社會使學生對待社會所有之一切問題以基督教之訓言解決之以參攷藏書作論說教授之每星期上課二小時

101a, 102b
11a, 12b

更須尋求其各卷要旨(此科在本科一年級習之其目的在使學生熟習文及其大綱)新舊約各卷要旨(此科在本科一年級習之其目的在使學生深覺此書與自己個人有何密切之關係每星期上課二小時)

9250

- 上之識智及古代歷史事蹟須注意讀者之推理力並舉先哲言射踐之補助德
- () 擴讀書經(在預科第一學年讀之一年讀畢此書為七經之一)授此書俾政治
- () 選文(在本科第三學年繼續上學年讀之上學年讀之)上
- 文學上之源流與變遷每星期上課二小時
- () 中國文學史(此科在本科第二學年讀之文學為中國固有國粹研究此科可以知
- () 選文(在本科第一學年繼續上學年讀之上學年讀之)上
- 上課三小時每星期作文一次
- () 選文(在本科第一學年選名家專集讀之俾由博返約)至自成一言之每星期
- 星期作文一次
- () 選文(在預科第一學年選文同上)講授之旨趣及目的同上每星期上課三小時每
- 上課三小時每星期作文一次

注意記憶力使之見地既超手腕亦熟試以各體之文即發表思想無不如此每星期

- () 示以文之精神或宗旨及層節關鍵略易圖深略粗圖奧考察其領會力與識別力間
- () 選文(在預科第一學年選近代古文讀之此選文於名家著作各體或授講授時

國文及經訓門

課二小時

兒童心理之結果及施德育教授之方法其目的在培養教授德育之師資每星期上

- () 宗教心理學及教育學(此科於本科三年級下學期之使學生明曉近年來研究

研究後應自作論說發揮之每星期上課二小時

等理說并簡單說明教會之歷史宗派之由起教會之推廣更須多閱參攷書學生經

- () 基督敎論(此科於本科二年級上學期之係研究基督敎論上帝與人類及世界

為得力又須以基督敎之優點提示於學生以冀心悅誠服每星期上課二小時

其哲學觀念參觀本校左近各宗教之教堂寺院及其內容鼓勵學生直接研究更

() 諸教參攷(此科在本科第一學年習之研究世界各大宗教之要畧與所講性理及

0527

50323

作文之方法本科之目的乃求作文之精鍊及應用所已習之英文在預科第一學年

3a, 4b) 作文(此科專為作文設之係溫習本學年所閱之書得曉文理與文字之結構及

須經過口試筆試兩種試驗在預科第一學年習之一學年習畢每星期上課五小時

1a, 2b) 國書及會話(此科用最高等之選文練習其生字及其新材料作為會話之討論題

外國文門英文部

科第一學年讀之每星期上課三小時

111a, 112b 美國史(此科係研究合眾國之起源及進化更注重民國法制之原理之價值在本

中國通史(在本科第一學年讀之每星期上課二小時

在本科第一學年習畢每星期上課三小時

社會大要(此科係社會學開端包括大凡之要理推及我中華民國社會之狀況

觀之鹽醴與結果一學年習畢在預科第一學年讀之每星期上課三小時

年戰事止下學期繼續研究德國之起源以意大利之聯合歐洲之最近態度以及歐

13c, 14d) 歐洲近史(此科開始先述羅馬帝國未亡之先狀況之大要本學年上學期習至百

經濟界之狀況以及研究建設民國之民生主義在預科一學年級習之每星期上課

11a, 12b) 經濟學大綱(此科研究經濟學之要旨可為研究專門經濟學之基礎更注重中國

期上課三小時

羅馬帝國(此科為上東亞史改用中文讀之)并須參攷藏書在預科第一學年讀之每星

1a, 2b) 普通歷史(此書係研究世界歷史之大綱自埃及巴比倫亞述巴希羅馬希臘直至

社會學及歷史門

科每星期上課二小時

類上之儀則及古代行政體略須注意讀者之推理力並學先苦讀言躬踐之以補助

13c, 14d) 描讀禮記(在預科第一學年讀一學年讀畢此書亦為七經之一授此書俾知人

科每星期上課二小時

0528

各詞一學期在本科第三學年下學期讀之每星期上課二小時

中國文間有指定一篇文字繙譯者亦有臨時發言繙譯者并須學習多數之新

繙譯(此科係練習將中國之文字及言繙譯為英文并以英文文字及言繙譯

科第三學年上學期之每星期上課二小時

繙詩(此科之目的在使學生讀優美之英美兩國之詩且研究作詩之方法在本

三小時

近代著作(此科係沒閱最近英美名著在本科第三學年下學期習之每星期上課

上課三小時

戲劇之歷史以講義及學生自論教授之於本科第三學年上學期習之每星期

戲曲(此科之目的在細讀幾份沙氏名著及近時繙之戲文并宜略事研究英文

於公中前練習之在本科第一學年每星期學習一小時

英文演說(此科之目的在使學生練習公演演說之技能先於上課時研究方法後

四小時

家及其所著作者與國史有何關係一學年習畢在本科第一學年讀之每星期上課

英文文學史(此科之目的為欲表示各種英文之歷史并使學生歷知著名之著作

法每星期上課二小時

高等作文(此科在本科第一學年習之每星期於上課時作文應學習一切作文之

科第一學年習之每星期上課三小時

人物以及本書之結構參攷法國革命時代之歷史以及英國十八世紀之情狀在本

模範小說(此科之目的在使學生熟曉數名之歷史小說注重書中事實與

作文(此科在預科一學年習之每星期上課三小時係繼續第一學年之作文

在著名之短篇小說每星期上課三小時

閱書及會話(此科在預科第一學年習之係繼續第一學年之閱書及會話尤注重

習之須作論說一篇及改正學生之文法每星期上課三小時

6250

課三小時

於幾何學之上一可為習微積學之預備一學年習畢在預科第二學年習之每星期上
解析幾何(此科係幾何學之一種特別研究以數之定律與縱橫之擬理應用

第一學年下學期習畢之

高等代數(此科在深究高等代數之理并演習其擬題每星期上課三小時在預科

用之習題演習之在預科第一學年上學期習畢之每星期上課三小時

平面三角(此科研究平面三角形及其測量之原理并說明三角術之實用加以應

算學門

星期上課三小時

算習法教授之直至學生可自閱新約原文一學年習畢在預科第二學年選讀之每
文法及淺近讀本(此科為入神學科之學生特別設備之尤注重新約之希拉文用

希拉文部

文法及讀本(繼續上學年習之惟多閱德文書在本科第一學年讀之

習之每星期上課三小時

惟使學生多識一種外國外井可使增廣文法之概念一學期習畢在本科第一學年
文法及淺近讀本與造句(此科重在練習文法及造句尤注重動詞此科之目的非

讀文部

文法及讀本(繼續上學年習之惟多閱法文書在本科第一學年讀之

期上課三小時

多識一種外國文井可使增廣文法之概念一學年習畢在本科第一學年讀之每星
文法及淺近讀本(此科係練習文法及造句尤注重動詞此科之目的非惟使學生

法文部

學年習之一一學年習畢每星期上課二小時

時事(此科即於新聞紙上所載重要事件令學生以口述或筆述之在本科第三

1 E 5 0

102d) 電磁學(此科之目的在研究電學中之各種測量法務使學生能為極精微標準確

在本科第一學年習之每星期上課三小時

務使學生於天文望遠鏡顯微鏡光圖鏡照相鏡影片鏡等得純熟應用之一學期習畢
份工夫在聽教習之指示直接研究再作報告於教習尤注重於教習之各種器具之實用
101c) 光學(此科係詳細研究各種光學鏡均得歸納於光學之理論與定律學生之大部
時)實驗時間在內

129b) 普通物理學(此科係高等普通物理學程度為研究各種專門物理學之基礎以實
驗講義問題參攷藏書教授之一學年習畢在預科第一學年習之每星期上課五小

格 致 門 物 理 部

習畢每星期上課三小時)天文台實習之時間不在內

等物理學方能熟曉尤善(但非必修之)此科本科第三學年習之一學期
用等等此科為特別研究天文及擬為天文學教習者設之但必先習解幾何及高

問題如下定本處之經緯度與衛星之週期各種器具差之改正及架置器具使之適

129e) 天文問題(此科多生工夫在天文台中研究之習用天文鏡以及子午儀所研究之
時)在天文台實習之時間不計在內

及新近獲得之理法亦須討論之在本科第三學年上學期習之每星期上課三小
121c) 普通天文(此科為普通學生設之以參攷藏書講義及曉示天文鏡與所附屬之分
微尺及光圖鏡之用法尤注重星體之大小遠近冷暖時期等近日之學說以

三 小 時

117b) 球面三角(此科特為預備學天文之用在本科第二學年下學期習之每星期上課

期上課三小時

111b) 測量學(此科研究測量學之大要一學期習畢在本科第一學年上學期習之每星
切類乎此項之新問題一學年習畢在本科第一學年習之時星期上課三小時

101e, 102f) 微積分(此科使學生研究變數近平其限時比較之擬俾得增加知識考究一

時

1016, 1020 義及課本上之工夫二學期習畢在本科第一學年習之每星期上課三次每次二小時
分析化學(此科係研究簡單之分析法鑑定尋常之金屬及酸類重在實驗少用講

小時

118, 125 問題參攷藏書教授之一學年習畢在預科第一學年習之每星期上課三次每次二小時
(普通化學(此科係高等普通化學程度為研究各種專門化學之基礎以實驗講義

格致門化學部

小時)實驗時間在內

1228 任一問題以從事根本上至精深考察在本科第二學年下學期習之每星期上課六
論之研究為更深之考察并能實地應用之於物理界以解說各種現象每學生須擔

1229 原子理論學

此科在使學生明瞭原子之性質與結構以繼續近時學者對於該理

先習普通微積分學為基礎在本科第三學年上學期習之每星期上課六小時)實

復以該理論之根據實驗多種以証實之務使學者於該理論有所見地習此科者須

1211 電磁理論學

此科首在研究電磁理論之始創經過以及近時革新之電磁理論

克司光無線電極光級具有放射能之輻射等等在本科第一學年下學期習之每

使學生能應用電學上最精微最新穎之量微法其理論的研究則包括夫在實驗務

1126

氣體導電學及放射學

此科係繼續 Pohl 電磁學之研究大部份工夫在實驗務

1116

習之每星期上課三小時

以及氣體之通性蒸氣之壓力氣侯之預測等等皆須研究在本科第一學年上學期

之江大學校章

EE50

科第一學年習之每星期上課五小時

研究有脊椎動物用講義及實驗教授外又須學習製造標本更研究動物學歷史在本
期高等動物學(此科動物學及生理科教授之用上學期研究無脊椎動物下學期

第二學年上學期習之每星期上課三小時)實驗時間在外

物學之研究法與其大綱以實驗為重並用講義及圖書室之參攷教授之在本科
生物學要旨(此科專為未經深究生物學之高級學生而設其目的在使學生知生

第一學年上學期習之每星期上課三小時)實驗時間在外

以及各種動物構造之比較學此科先習過淺近之生物學定一學期習畢在本科
普通動物學(此科特別注重學及在野外之研究工夫尤注意於模式動物

實驗時間在外)在預第一學年下學期習之

放書出標本習此科者必須習過淺近生物學定一學期習畢每星期上課四小時
以及各種植物構造之比較鑑定應歸何類指明其在農林二業上有何實用顯微鏡

普通植物學(此科特別注重學及在野外之研究工夫尤注意於模式植物

與第一學年上學期習之每星期上課三小時

知識以實驗講義及提示參攷書作論說等法教授之在預第一學年下學期
生理學(此科係研究人身之構造定律及個人衛生公衆衛生為普通人實用之

格致門生物部

先讀化學(111c, 112b)

義說明此科要理每星期上課三小時)實驗時間在外)在本科第二學年讀之必

特制重量法及體積法研究之此科大部份工夫須由教員指導之其餘用講
定量分析(此科之目的在教授學生精確分析未知之化合物及未知之合金用米

學年讀之)讀此學科者必先讀(101c, 102d)

合物及有機化合物之定量分析每星期上課三小時)實驗時間在外)在本科第二
有機化學(此科專研究芳香系脂肪系及其化學物在實驗室內研究模式有機化

4E50

於上古迄近代一加以研究每星期上課二小時

中國哲學史(此科在本科第二學年讀之係講習中國哲學家之旨趣及其派別而

說每星期上課三小時在本科第三學年上學期習之

哲學問題(此科係研究西洋哲學家歷代所思想之重要問題及近代正反面之學

史之關係一學年習畢在本科第一學年讀之每星期上課三小時

泰西哲學史(此科係研究自古迄今歐美各國之哲學思想及與文學政事兩種歷

哲學門

何實用尤注重於中國之礦產在本科第一學年習之每星期上課三小時

經濟地質學(此科係研究重要礦物之出產地及其開採法與銷售法并於社會上有

每星期上課三小時

至鄰近山野之觀察與尋覓標本等法以學之一學年習畢在本科第一學年習之

1018,1029

普通地質學(此科為地質學之入門注重中國之地勢礦物以及地盤變遷之歷史

格致門地質學部

繪畫各種生物圖每星期上課四小時在本科第三學年習之

宜練習生對於知識較淺之人能淺明近生物學之理不用課本用講義及參攷

攷察所見之物質入此科者可無庸讀生物學此科與將來希望作教授者極為相

究之目的在造就教員之用須重視及明瞭兒童四周之生物藉以導引兒童直接

1238,1245

師範生天然物之研究(此科注重校外研究種種天然界之生物以師範之眼光研

之關係一學期習畢在本科第三學年下學期習之每星期上課三小時

箱培養數種普通之黴菌更須研究黴菌及寄生生物長成之歷史及與人生經濟方面

黴菌及寄生生物(此科重在用顯微鏡考察出普通之黴菌及寄生生物之形狀以聯

學年上學期習之每星期上課三小時

以上之植物分別科類并練習學生製造標本更須研究植物學之歷史在本科第三

之江大學校章程

5350

學生入高級學校增進文明程度以及得專門知識之預備也

中學科之課程雖係培養學生將來入各職業果時有適用之常識但其目的尤在使

第十一章 附屬中學科課程及每星期教授時數表

地練習法教授之在本科第三學年下學期之每星期上課三小時

1291) 社會教育(此科係研究教育如何應用於社會上課本參考書以及參觀與實

等法教授之在本科第三學年上學期之每星期上課三小時

習青年會幹事以及種種德育教育之人才用課本參考書以及參觀與實地練習

1216) 宗教學教授法(此科係研究宗教學教授之良好方法作養宗教學教習主日學教

年下學期之每星期上課三小時

1124) 教授法(此科專研究中學各科之教授技能作養中學教習人才在本科第二學

及實地練習(此科教授法等在本科第二學年上學期之每星期上課三小時

1116) 教授要旨(此科係研究為教育必知之教育心理學用課本外尚須多閱參考書以

學年下學期之每星期上課三小時

1026) 教育入門(此科係研究教育之要旨及如何可以應用於現今之中國在本科第一

關係在本科第一學年上學期之每星期上課三小時

1014) 心理學(此科係研究近世心理實驗法并研究所得之定律與現今教育實用上之

教育門

0536

GH) 西洋史(在第四學年西洋史下冊讀完)附授講義以補課本之不足授西洋史之

教本

課本用商務出版教和專東亞各國史其西洋史課本用中華書局出版制新西洋史

使學者所得觀念更為真切總期養成學者世界觀念每星期上課二小時其東亞史

國參伍而印証之知其異同之所在有與本國有關係之事蹟教授時尤宜詳細指陳

明東西洋文明之由來及其進化之階梯陳東西洋各國大勢遷變之因果復與本

EF) 東亞史及西洋史(在第三學年讀完東亞史及西洋史上冊授東亞史及西洋史說

本同上

CD) 本國史(在第二學年讀完下冊授本國史之旨趣及目的同上每星期上課同上課

時課本用商務出版教和專本國史

充以闡偉識量使之遠趨今視往知來總期養成學者本國觀念每星期上課二小

階梯指陳本國大勢遷變之因果併導以正確之方針使之進古鏡今以爲人世之法

AB) 本國史(在第一學年讀完上冊授本國史說明本國現今文明之由來及其進化之

指針也吾校做行此制或於文學上之進步不無小補

附註(吾國向無文學批評法之目歐美中等以上學校皆有此科實研究文學之

GH) 選讀唐迄漢文兼授語體文(在第四學年繼續第三學年讀之上課時間亦同

各類文體學習法之類(每星期作文一小時)

年學級少每星期上課七小時內一小時授文學史及文學批評法)如文學分類及

EF) 選讀唐迄漢文兼授語體文(在第三學年讀之惟所授語體文之分量較第一學

課時間亦同

CD) 選讀清迄宋文及近代語體文(在第二學年繼續第一學年讀之惟加高其程度上

期上課七小時內一小時授文法及作文法每星期作文一小時正課外兼令習字

AB) 選讀清迄宋文及近代語體文(在第一學年讀以思想與藝術並佳者爲標準每星

國文門

為要每星期上課五小時

B) 代數學(在第一學年下學期習之授至分數四法止每星期上課五小時用溫特華

氏課本

CD) 代數學(在第一學年習之自分數方程至完卷每星期上課四小時課本同上

EF) 平面幾何(在第三學年習之每星期上課四小時亦用溫特華士課本

G) 立本幾何(在第四學年上學期習之每星期上課三小時課本同上

H) 簿記學(在第四學年下學期習之每星期上課三小時

格致門

CD) 生物學(在第一學年習之為一切植物動物生理衛生等知識之入門其目的在引

起學生與自然界之情感與活物奇異之組織及其定律以立研究科學之基礎務以

學生之實驗教習之提示與演講以種種問答教授之學生均須記述為要不用課

本惟在藏書室中參考得之每星期上課三小時

EF) 物理學(在第二學年習之須明瞭物理學之要理尤注重於歸納的理論所得定律

須由學生自己實驗考証之每星期上課四小時用英文課本教授之

GH) 化學(在第四學年習之每星期上課四小時其大部份為實驗工夫此外加以

教習之提示講演及學生之溫習法教授之以英文狼特生化學為課本并各備實驗

本

法制經濟學門

GH) 法制(在第四學年上學期習之使學生有普通法律之知識明現今國家之制度以為

立身涉世之基礎為教習者更須使學生了解法律之概要通曉共和之精神每星期

上課三小時

GH) 經濟(在第四學年下學期習之在使學生明瞭政商三界之狀況以為入各職業

界時作謀生之預備為教習者更須使學生討論現時經濟界之狀況及變動之種種

問題並今作論說數篇以持所見每星期上課三小時

6E50

校者非經特別應許不得繼續在校肄業

加繳學費銀一元如逾三日不到校應加繳學費銀兩元遲至兩星期後尚不到

(九) 凡學生入學均須按照本校所規定日期親自報到繳費如逾期補行者應

格願入下一年級肄業者亦須重經考試方得入學

(八) 如欲考入大學科較高之年級必須考試在大學科應先習之各科目若考不及

門若考不及格願入下一年級肄業者亦須重經考驗及格方可入學

過兩年以上之程度者如欲插入較高之年級須加考地理本國歷史及理化等

能作清順文字者(長約二百字)算學須過四法數小數比例者英文須習

(七) 凡報考本校附屬中學科一年級者其考試科目為國文算學英文三門國文須

履歷程度填寫本校報名單內

(六) 凡報考新生於報名時須先繳試驗費銀一元四寸以上之相片二張並將該生

(五) 招考新生日期見以上校歷草

者經收驗畢業證書後得免入學考試

(四) 凡與本校特別聯絡回宗之各中學校之畢業生願入本大學預科一年級肄業

畢業證書

(三) 凡報考新生由他校轉學者須帶有該校之轉學書或分數及品行等成績表或

之程度與有相當學力者

(二) 凡報考入大學科之新生年齡須在十八歲以上品行端謹並有中學畢業以上

畢業以上之程度與有相當學力者

(一) 凡報考入附屬中學科之新生年齡須在十四歲以上品行端謹並有高等小學

第十四章 入學

教育門

GH) 教育學(在第四學年習之在明曉教授之要理及教授之技能每星期上課三小時

以上兩學科得隨用國文或英文或英文教本

五) 學生未與各種考試必須補習完全經特別考試及格者方許繼續上課
考試分數三者平均計算之

四) 每學期各科之總平均分數由每學期平日平均分數與臨時考試分數及學期
三) 以七十五分爲及格分數

二) 臨時考試由職員會定之

一) 學期考試於每學期終行之

第十六章 考試

年應繳實費銀三元此項費用均須於學年開始時一次繳足

八) 凡習化學科之學生在大學肄業者每年應繳實費銀五元在中學肄業者每

七) 以上各項費用均須於入學報到時一律繳足

六) 學生如損壞公共器物須負賠償責任於每學期開學時應繳預存費銀三元

五) 學生自請退學或被學校另退者所繳各項費用概不給還

半元

四) 每學期大學科學生應繳藏書室費銀一元附屬中學科學生應繳藏書室費銀

三) 各生應繳校服費銀十一元

二) 每學期應繳運動費銀二元

一) 每學期應繳學費銀二十元膳費銀二十元宿費銀五元

第十五章 繳費

三) 凡學生於每年秋季開學時均須受體格之考驗

之

擇定其未繳費預定者須於次學期依報到及納費之先後由管理員臨時派定

三) 學生擬定得於前一學期終了以前預付定銀三元由舊生按年繳各次先行

二) 凡學生入學已繳足各項費用及編定年級後又須由校長處領取上課証上課

十) 凡新生入學時須填寫志願書並繳回保證人填寫保證書

每逢星期日舉行禮拜二次學生均須到會(星期日不放假)
自由研究聖班每星期日定時會集

每星期日午。下午。學生。至。鄰近。村。鎮。佈。道。聖。道。主。領。聖。日。學。課。或。其。他。種。宗。教。事。業。
每。學。生。必。購。有。琴。譜。之。類。主。歌。詩。歌。官。新。約。聖。經。各。一。本。凡。係。學。生。必。到。之。宗。教。
會。集。須。帶。之。

第二十章 之江教會

在本校內立有之江教會凡學生中為教友者儘可由各母教會攜帶薦書薦入之江

教會

第二十一章 青年會

本校青年會中國青年會最早之一此會於每學期之始舉行歡迎新同學交誼會
在平時有體育會。有研究聖經班。及他種社會服務事務事業。

青年會備有藏書室。儲藏各種重要書籍報章。

第二十二章 藏書室閱覽室

藏書室自早七時半開門至下午九時半閉門凡學生除上課及自修時間外均得入
內參觀各種書籍閱覽室於每日下午落課後亦開有定時各生均得入內閱覽。

第二十三章 演說會

本校組織學生演說會凡四定每星期六晚舉行延請教職員為顧問員其中兩演
說會在大學科舉行多用英語演說又兩演說會在附屬中學舉行用國語演說各生
必為一演說會之會員在每學期終了時舉行演說比賽會。

第二十四章 運動

本校極力提倡體育每學生必練習一種之運動每星期至少三次現已設備球隊籃
球網球足球兵式體操賽船等運動至比賽各種運動事宜應由職員會之運動
委員及學生部之運動委員公選之委員主理之。

本校職員會所擬定之運動規則如左

學科之學生得商借少數之金額以補其費用之不足待出校後五年內還清

(乙) 貸借 凡學生有本身受教之教師或其他誠實之保證人所保薦入本校大函校長陳說原由以便提交委員商奪

服務自助生之數額佔全體學生之十分之三凡為自助生之學生應先期投印打字并各事務室種種事工自助部長管理員所派之工應憑天良忠誠工即整理校舍校場服事職員管理科學實驗室圖書室閱報室藏書室以及油(甲) 自助 學生為自助生在每學年內每日工作二小時可抵付銀三十元所作之有少數須得補助之學生不能全繳納各項費用者立有特別待遇辦法如下

以所得之獎勵金抵付之

凡學生每學年須納學膳費及住宿費銀九十元用現銀繳納外得借以作工或借貸或求學志願今為欲應其需要本校董事部定有辦法數種并設立委員辦理減費事宜本校所定學膳等費雖力求低廉但仍有多數有志青年若不再予設法終不得達價

第二十七章 減費

本生兄弟或保証人來信郵寄校長或主任應切實申明告假理由方為有效。每逢星期六上午九時一課下休課其餘假期均載在校內學生告假。必須

第二十六章 假期

院醫治所有醫藥費概由校中開支

本校設備醫藥室學生如患普通疾病得在校醫治如病勢較重者得在城中教會醫

第二十五章 疾病

經職員會之運動委員長簽字方可向學校會計處支取

(丙) 運動會費用由職員會運動委員在預算表所列之款項外如有額外開支亦由決定之

(乙) 職員會運動委員有管理運動大體進行之責任凡關於運動上之種種問題

(甲) 由職員會派任三人為職員會運動委員

第二十八章 附則

(丁) 宣教師之子得免繳學費(其餘各費仍須照繳)

開校兩月以前投函校長以備交出委員會商奪

法本校以爲不甚適用於中學校之學生已行停止凡希望得獎勵之新生須於

給獎以操行程度家况三者爲標準若有虧於三種資格可隨時取消(至借貸

用銀三十元又五入每年得少納費用銀四十元直至二組各滿二十年爲限費)

(二) 本校於入中學校之新生中每年給獎勵十人其中五人每學年得少納費

之承認者得於次學期繼續有效

保送十二人出該中學校之職員決定之於每一學期終了時經本校職員會

本校附屬中學校

徐州培心中學校

鎮江閩州中學校

浙江省立第七中學校

浙江省立第六中學校

浙江安定中學校

浙江省立第二中學校

寧波崇信中學校

江陰勵實中學校

上海清心實業學校

蘇州萃英中學校

嘉興秀州中學校

銀三十元)以下列十一中學校送皆爲有限

(一) 本校於入大學科之新生中每年給獎勵十二人每學年得少納費用

(丙) 特別獎金)分二種

5450

LH50



貴校收肄業應納學膳費等項逾期繳足入校之後必能恪守規則如有故犯禁令希圖退學等情均惟保證人是問
具保證書 囚學生 蒙

此

杭州之江大學校長先生台鑒

保證人 簽押

字

籍貫 職業

現在住址及通訊處

中華民國 年 月 日

8450

立志願書學生 年 歲 省 縣人承

杭州之江大學錄取肄業應繳學膳等費逾期有違規入校
 之後按所編定學科上課受教不敢荒怠如違犯規則
 不聽校令願受撤或中途接故退學所繳已繳學
 膳等費概不領還立此志願書存照

立志願書學生 簽押

父名

兄名

現在住址及通訊處

中華民國 年 月 日