

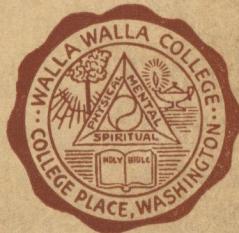
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School of Theology J. H. Robinson

WALLA WALLA COLLEGE LIBRARY
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Walla Walla College

BULLETIN

1944 :: 1945



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"The School that Educates for Life"

WALLA WALLA COLLEGE LIBRARY

WALLA WALLA COLLEGE BULLETIN

CATALOGUE ISSUE OF 1944-1945



If morality and religion are to live in a school, it must be through a knowledge of God's word.—Mrs. E. G. White.

Vol. LIII June, 1944 No. 1

Entered as Second-class mail matter, College Place, Wash.,
Under Act of Congress, August 24, 1912
ISSUED QUARTERLY

ARCHIVES
WALLA WALLA COLLEGE LIBRARY.

School Calendar 1944-1945

1944 SEPTEMBER 1944

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The College Calendar

1944-1945

SUMMER QUARTER

Registration	Wednesday, June 7
Close of summer quarter	Sunday, August 20

AUTUMN QUARTER

All freshmen arrive on campus	Tuesday, Sept. 12
Freshman convocation, attendance required, 9 a.m.	Wednesday, Sept. 13
Freshman tests, 10:00 a.m., 2:00 p.m.	Wednesday, Sept. 13
Freshman convocation, attendance required, 8:00 p.m.	Wednesday, Sept. 13
Registration of freshmen, 9:00 a.m., 2:00 p.m.	Thursday, Sept. 14
General registration, 9:00 a.m., 2:00 p.m.	Friday, Sept. 15
First vesper service, 7:30 p.m.	Friday, Sept. 15
General registration, 9:00 a.m., 2:00 p.m.	Sunday, Sept. 17
Faculty-Student reception, 8:00 p.m.	Sunday, Sept. 17
Classes begin (all students), 7:45 a.m.	Monday, Sept. 18
Thanksgiving recess	Thursday, Nov. 23
Registration for winter quarter	Nov. 13 to 30
Instruction ends, 12:15 p.m.	Thursday, Dec. 7

WINTER QUARTER

Registration of new students, 2:00 p.m.	Thursday, Dec. 7
Instruction begins, 7:45 a.m.	Friday, Dec. 8
Winter recess	Dec. 21, 12:15 p.m. to Jan. 1, 7:45 a.m.
Registration for spring quarter	Feb. 7 to March 1
Instruction ends, 12:15 p.m.	Thursday, March 8

SPRING QUARTER

Registration of new students, 2:00 p.m.	Sunday, March 11
Instruction begins, 7:45 a.m.	Monday, March 12
Annual field day	Thursday, March 22
Instruction ends, 12:15 p.m.	Friday, May 25
Senior consecration service, 8:00 p.m.	Friday, May 25
Baccalaureate sermon, 11:00 a.m.	Saturday, May 26
Commencement, 10:00 a.m.	Sunday, May 27

PART I

Administration and Instruction

Board of Trustees

V. G. ANDERSON, <i>President</i>	Portland, Oregon
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L. E. ESTEB	Spokane, Washington
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M. V. TUCKER	Portland, Oregon
D. A. LOWER	Portland, Oregon
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C. S. JOYCE	Portland, Oregon
L. A. SKINNER	Portland, Oregon

Faculty

ADMINISTRATION

GEORGE WINFIELD BOWERS, Ph. D.

President

FRANK W. PETERSON

Business Manager

IRENE SMITH-BLACK, B. A.

Registrar

DOROTHY FOREMAN, B. A.

Dean of Women

LEON B. LOSEY, M. S.

Dean of Men

MOLLIE LAY-SITTNER, B. A., B. S., (L. S.)

Librarian

MARGUERITE APLINGTON, B. A.

Accountant

STANLEY PETERSON, B. A.

Principal, Walla Walla College Academy

TEACHING STAFF

GEORGE WINFIELD BOWERS

Professor of Chemistry

Ph. D., Nebraska

FRANCIS M. BURG

Dean Emeritus, School of Theology

S. T. B., Walla Walla College

E. STRAUSS CUBLEY

Professor of Business Administration

M. A., Washington

*VERNON E. HENDERSHOT

Professor of Religion

Ph. D., Southern California

*GEORGE GUSTAV KRETSCHMAR

Professor of Physics

Ph. D., Chicago

*Leave of Absence

THOMAS A. LITTLE

Professor of English

M. A., North Carolina

JOHN E. POTTS

College Physician, Lecturer in Hygiene

M. D., College of Medical Evangelists

H. E. WESTERMAYER

Professor of History

M.A., College of the Pacific

STERLING K. GERNET

Associate Professor of Music Theory

Ed. D., Temple

HOLGER LINDSJÖ

Associate Professor of Ancient Languages and Antiquity

Ph. D., Chicago

JAMES I. ROBISON

Associate Professor of Religion

B.A., Pacific Union College

DAISY SCHLUNTZ

Associate Professor of Home Economics

M. S., Nebraska

AGNES L. SORENSEN

Associate Professor of Modern Languages

M. A., Michigan

KENNETH APLINGTON

Assistant Professor of English

M. A., Washington

ERNEST S. BOOTH

Assistant Professor of Biology

M. S., Washington

RALPH M. DAVIDSON

Assistant Professor of Mathematics

M. S., Tennessee

ERWIN J. HENNING

Assistant Professor of Chemistry

Ph. D., California

RICHARD LEWIS

Assistant Professor of English

M. A., Southern California

S. H. LINDT

Assistant Professor of Asiatic Languages
M. A., California College in China

I. C. SCHMIDT

Assistant Professor of Asiatic Languages
B. A., Walla Walla College

*CLAUDE E. THURSTON

Assistant Professor of Chemistry
M. S., Washington

STANLEY WALKER

Assistant Professor of Piano and Pipe Organ
B. Mus., Northwestern

VIRGIL C. BECRAFT

Instructor in Biblical History and Literature
B. A., Walla Walla College

ORASON LEE BRINKER

Instructor in Physical Education
B. A., Union College

DOROTHY FOREMAN

Instructor in English
B. A., Union College

JOHN T. HAMILTON

Instructor in Voice
B. Mus., Northwestern

LEON B. LOSEY

Instructor in Agriculture
M. S., Oregon State College

LULU HILL-MILLER

Instructor in Art

ELEANOR RUE

Instructor in Elementary Education
Supervisor, grades three and four
B. A., Washington Missionary College

*Leave of Absence

VIOLET SCOTT

Instructor in Secondary Education
M. A., Washington

BERNICE E. SEARLE

Instructor in Elementary Education
Director of Department of Teacher Training
M. A., Minnesota

VIRGINIA I. SHULL

Instructor in Secondary Education
M. A., Boston

MOLLIE LAY-SITTNER

Instructor in Library Science
B. A., Walla Walla College, B. S. (L. S.), Washington

*HENRY SONNENBERG

Instructor in Modern Languages
M. A., Nebraska

MYRTLE M. WALKER

Instructor in Business Administration
B. A., Walla Walla College

LOWELL W. WELCH

Instructor in Religion
M. A., Nebraska

BEATRICE I. EMERY

Assistant Instructor in Biology
B. A., Walla Walla College

MARY E. OLIVER

Assistant Librarian
B. A., Walla Walla College

IRMGARD SIEMSEN

Assistant Instructor in Modern Language
B. A., Walla Walla College

*Leave of Absence

Faculty Committees

RELIGIOUS INTERESTS

G. W. BOWERS, DOROTHY FOREMAN, L. B. LOSEY, J. I. ROBISON, V. C. BECRAFT, LOWELL W. WELCH.

ACADEMIC STANDARDS

G. W. BOWERS, IRENE BLACK, J. I. ROBISON, HOLGER LINDSJO, T. A. LITTLE, E. S. CUBLEY.

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G. W. BOWERS, F. W. PETERSON, DOROTHY FOREMAN, L. B. LOSEY, J. I. ROBISON, KENNETH APLINGTON.

PERSONNEL

KENNETH APLINGTON, DAISY SCHLUNTZ, H. E. WESTERMAYER, E. J. HENNING.

PROGRAM

JOHN T. HAMILTON, MARGUERITE APLINGTON, DOROTHY FOREMAN, L. B. LOSEY, STANLEY PETERSON, H. R. EMMERSON.

LIBRARY

MOLLIE LAY SITTNER, F. W. PETERSON, AGNES SORENSEN, S. K. GERNET, RICHARD LEWIS.

PUBLICATIONS

T. A. LITTLE, RICHARD LEWIS, STANLEY PETERSON, R. L. COLLINS.

FACULTY ADVISORS

Associated Students: Graduate Manager, R. M. DAVIDSON; *The Collegian*, T. A. LITTLE; *The Mountain Ash*, RICHARD LEWIS; Nominating Committee, KENNETH APLINGTON; Religious Activities Committee, L. W. WELCH; Social-Cultural Activities Committee, DAISY SCHLUNTZ. *

Sabbath School, H. E. WESTERMAYER; Missionary Volunteers, H. R. EMMERSON; Wavillagians, O. L. BRINKER, BERNICE SEARLE.

INDUSTRIAL SUPERINTENDENTS

FRANK W. PETERSON	Superintendent, Industrial Departments
G. L. BEANE	Store
E. O. BECKER	Farm
RAY L. COLLINS	College Press
WILLIS E. CUSHMAN	Bindery
RUSSELL EMMERSON	Construction
FRANK GIBBON	Bakery
WILLIAM MERKEL	Heat and Light
FERDINAND M. SCHILLER	Garage
MRS. ELMER WHITEHOUSE	Laundry
KATHLEEN KEEN-ZOLBER	Culinary

PART II

The College and Its Aims

Walla Walla College is a four-year liberal arts college fully accredited with the University of Washington, the State College of Washington, the Northwest Association of Secondary and Higher Schools, and the Association of Seventh-day Adventist Colleges and Secondary Schools. It is also accredited as a four-year teacher training institution by the Washington State Board of Education.

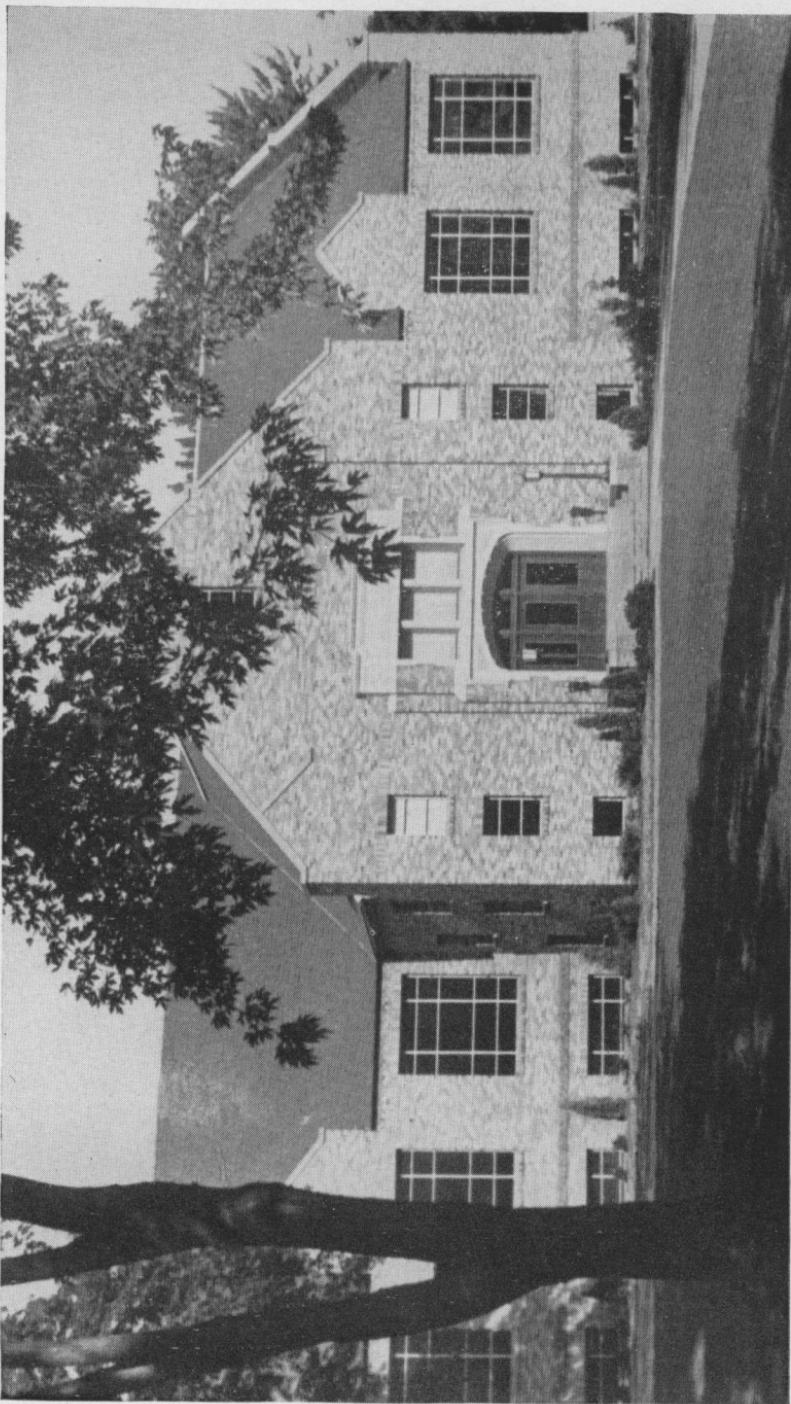
Walla Walla College is operated by the Seventh-day Adventist denomination, primarily as a center of higher education for its youth in the Pacific Northwest. Seventh-day Adventists accept without reservation the teachings of the Bible, among which they consider basic the immutability of the law of God, the original perfection of the universe, the fall of man, the plan of salvation, the imminent second coming of Christ, and the existence of the redeemed throughout eternity.

In harmony with these doctrines, Walla Walla College recognizes that "true education means more than the pursuit of a certain course of study. It means more than the preparation of the life that now is. It has to do with the whole being, and with the whole period of existence possible to man. It is the harmonious development of the physical, the mental and the spiritual powers. It prepares the student for the joy of service in this world, and for the higher joy of wider service in the world to come."

To bring into actuality this conception of education, Walla Walla College declares its specific aims to be:

1. To present the ideals and principles of Christianity in such a way as to promote the development of a consistent Christian life characterized by loyalty to God and service to humanity.
2. To train for leadership in church and community in harmony with the distinctive ideals and world program of the Seventh-day Adventist denomination.
3. To develop character distinguished by power of will and ability of self-control, bringing every motive and desire into conformity to the eternal principles of right established by God and respected by the most enlightened elements of humanity.

4. To provide a broad basis for true culture which will permit proper discrimination as to the values of life, encourage devotion to noble ideals and practices, and lead to a worthy use of leisure.
5. To guide in the appropriation of the accumulated knowledge of the ages, in the stimulation of the power of independent reasoning, and in the acquisition of the ability to inspire others to a greater passion for wisdom and truth.
6. To inspire intelligent and sincere love for our country and its fundamental principles, while at the same time emphasizing the brotherhood of man, thus providing a preparation for judicious participation in the privileges and responsibilities of citizenship.
7. To encourage proper evaluation of the place of the individual in modern society, of his relationship to the social and economic order, and of his attitude toward an ever-changing civilization.
8. To facilitate the acquisition and maintenance of a high standard of bodily health, thus giving the individual genuine satisfaction in life and enabling the mind and spirit to make valuable contributions to our contemporary world.
9. To stimulate participation in practical vocational activities which will lead to an appreciation of the dignity of labor, furnish a definite conception of the abilities and traits requisite for success in the various vocations, and impart a proficiency adequate to provide employment in a productive and self-respecting occupation.



NEW LIBRARY BUILDING

Historical and Descriptive Sketch

Walla Walla College has been in successful operation since December 7, 1892. Its establishment was in harmony with a resolution unanimously adopted at the General Conference of Seventh-day Adventists held in Battle Creek, Michigan, in 1891.

The College buildings occupy an exceptionally beautiful site in the center of an elevated campus comprising about ten acres and commanding a pleasing view of the Blue Mountains to the east and south. This tract, surrounded by the town of College Place, is situated in the celebrated Walla Walla valley. The climate is mild and healthful.

About two and one-half miles to the northeast is Walla Walla, Washington, a city of about eighteen thousand inhabitants. Two railways enter Walla Walla: the Union Pacific and the Northern Pacific. An hourly bus service connects College Place with Walla Walla. In addition, the Union Pacific stages stop at the College campus. The transcontinental Roosevelt Highway is routed through College Place.

BUILDINGS AND EQUIPMENT

Administration Building

The Administration Building is a three-story brick structure 48 by 122 feet. In it, besides classrooms and physics laboratories, are the business and administrative offices.

Dormitories

Two wings (known as North and South Halls) extending westward from the Administration Building provide pleasant living quarters for one hundred young women.

Helen Conard Hall, a modern three-story brick dormitory, is the home of the young ladies. This building, 42 by 224 feet, offers every convenience for 138 women. Hot and cold running water in every room, a parlor with fireplace, and "rainbow room" make the dormitory life attractive. The first floor contains a modern dining room, kitchen, refrigeration plant, together with a banquet room and the dormitory worship room.

Science Hall

The Science Hall gives provision for the chemistry and biology departments. Offices, class rooms, laboratories, biology museum, and stock rooms are provided.

Music Conservatory

The Johnson Memorial Conservatory has been provided for the Music Department with studios, practice rooms, and an auditorium for recital purposes.

Home Economics Cottage

The Home Economics cottage offers facilities for class-rooms and laboratories. It contains modern equipment for students studying in this department.

Columbia Hall

Columbia Hall is a reinforced concrete gymnasium-auditorium, 80 by 128 feet in size. With a seating capacity of over 2,500 persons, and equipped with a splendid pipe-organ, Columbia Hall serves the college community admirably as an auditorium. When used as a gymnasium the large floor provides ample space for physical education activities, including games and roller skating, while retaining the galleries for use of spectators. There are also dressing rooms, showers, a large stage, doctor's examination room, and hydrotherapy rooms.

Swimming Pool

Swimming facilities are provided in a 36 by 60 foot building, containing dressing rooms and a concrete pool. Water is supplied for the pool by the College artesian well. The water issues from the ground at a temperature of 63 degrees. In the winter the water is steam-heated.

Training School Building

The Training School occupies a two-story building, which contains the office of the Director of Teacher Training, the Training School library, classrooms for students of the first eight grades, and crafts workshops.

Library

A new reinforced concrete brick veneer building was occupied by the library in the spring of 1944. This is a modern fire-proof structure with facilities for individual and group study, seminars, microfilm work, leisure time reading, cataloging and library science laboratory work. The location

of the library is adjacent to the administration building and readily accessible from the dormitories. Its two main reading rooms will seat two hundred fifty students.

Vocational Equipment

Year by year the College management has been expanding its several industries with a view to (1) providing opportunities for more students to earn part of their expenses while attending college, and (2) training young people in worthy vocations whereby they may become self-supporting missionaries. Among these enterprises are the bakery, College Press, bindery, dairy, refrigerating plant, laundry, woodwork shop, machine shop, general store, service station, garage, poultry yards, and farm.

Adjacent to the campus is the College farm, a fifty-acre tract which provides fruit, vegetables, and other farm produce in abundance. A large portion of the supplies of the cafeteria comes directly from the farm.

RELIGIOUS ACTIVITIES

Walla Walla College sponsors several organizations and activities which aid in training the students for Christian service.

Church and Sabbath School

The College Place Church with a membership of over one thousand offers a training in missionary endeavor and church organization.

The Sabbath School develops leadership and teaching ability in college students who would develop their interests in its activities.

Missionary Volunteer Society

The Missionary Volunteer Society has for its object the development, by theory and practice, of efficient missionary workers. Several auxiliary bands, such as foreign mission, literature distribution, sunshine, and correspondence, are under the direction of this organization.

Prayer Bands

The Prayer Bands under student leadership encourage the prayer life of the student body. These groups meet regularly and foster the spiritual life of the individuals who participate.

STUDENT ORGANIZATIONS

Associated Students

The Associated Students is an organization whose membership consists of all faculty members and regularly enrolled students. The Association has for its object the promotion of Walla Walla College ideals and activities. The two official publications of the Associated Students are *The Collegian*, the weekly newspaper of the College, and the *Mountain Ash*, the year book of the student body.

Societies and Organizations

Student organizations based on residence include Aleph Gimel Ain for the young women of Conard Hall, Omicron Pi Sigma of the young men of the College dormitories, and the Wavillagians for students living off the College campus.

Various departments also sponsor student organizations to the special interests of their group. These organizations include the Paulist Sodality, the Pre-Medical Society, the Pegasus Club, the International Relations Club, Beta Mu, Kate Lindsay Guild, Elementary Teachers' Club, Business Efficiency Club, A Tempo, Le Cercle Francais, Der Deutsche Verein, the Science Club, and the Biology Club.

PART III

Cost of Attendance

GENERAL INFORMATION

Deposit

The College operates on a cash basis, and requests that the students do the same. Before matriculating, students are required to make an advance deposit as follows:

Home Students	\$70.00
Village Students	35.00

This deposit takes the place of the advance charge for tuition and home expenses. The student will then pay his actual school charges at the close of each six weeks, holding the deposit in reserve until the last period of the school year or until he leaves school. A clearance card is issued at the business office when the deposit is made, and students are expected to present same to the deans, registrar, and at the dining hall, to show that financial arrangements have been made to enter school.

Expenses

Tuition and school expense is divided into six periods of six weeks each. Statements are rendered at the close of each six weeks and are due and payable two weeks after the close of each school period.

In case settlement has not been made within two weeks the student may be asked to discontinue his school work. Fees (entrance, laboratory, library, etc.) are payable at the end of the first, third, and fifth periods and are charged by the quarter. Students who register late are required to pay tuition for the quarter in the subjects in which they receive credit.

By action of the Board of Walla Walla College, all students are required to pay their accounts in full before diplomas or degrees are granted. All students must pay their accounts in full before receiving their grade cards at the end of each quarter or a transcript of recorded credits. A student whose account is overdue may not be permitted to take the final examination at the close of a quarter.

Refunds and Discounts

A refund on tuition is made only when the student withdraws for reasons approved by the faculty. A refund for

dormitory charges is made for absences of more than two weeks caused by serious illness.

When three members of the same family are students in the College at the same time, a ten per cent rebate is made on tuition paid in advance for the period. A discount of five per cent is made to all students who pay their expenses for the school year in advance and two per cent for those who pay for the quarter in advance. The above discounts apply to all charges except fees.

How to Remit

In most cases it will be better for the parents to send money direct to the College, and not to their children. In doing so, draw all drafts, checks, orders, etc., in favor of "Walla Walla College." Students need but little spending money, and parents are urged to require a monthly statement of expenses from their children. Mail for the College pertaining to money matters should be addressed "Business Manager." Mail pertaining to the department of instruction should be addressed "President."

HOME EXPENSES

With two students occupying one room, the home expenses for each student for a six weeks' period are \$19.50 which includes plain laundering not to exceed \$1.10 weekly, and room furnished with steam heat and electric light up to 125 watts. This does not include the student's board. Each dormitory student is required to work eight hours a week, the amount earned to be applied on school expenses. Students failing to do this may be required to stay away from classes until such work is performed. The rate per hour to be paid the student will be set each period by the management and the heads of the vocational departments and will be based on ability, industry, and faithfulness of the student. Work assignments are made at the Business Office.

The charge of \$19.50 also entitles each dormitory student to ten days of general hospitalization during the school year in case of sickness, but it does not include the physician's charges of any extra services or fees. The college management will issue a requisition for hospitalization expense only on a written recommendation signed by the college physician,

the president, and one of the deans. An extra charge of 75c a period is made to each student occupying a corner room with two windows or a room with private water closet. A reduction of \$1.50 is made to those occupying rooms on the fourth floor of North and South Halls. A school home clinic is conducted in each dormitory daily by a registered nurse and all students are entitled to take advantage of the medical service offered. An additional charge is made for extra supplies, treatments, or cases of prolonged illness. The school nurses will not make calls in the village. The clinic hours will be announced at the opening of school.

Room Reservation

Students desiring a room reserved should send a deposit of ten dollars to the Business Office. Same will apply as part payment on the regular entrance deposit.

Board

The cafeteria plan of boarding is followed in the College home.

Board, Minimum for Six Weeks

Men	\$20.50
Women	18.50
(Students not living in the school homes are charged 25 per cent more with no minimum).	

TUITION CHARGES

(For a Period of Six Weeks)

QUARTER CREDITS OF CLASS WORK

Fifteen or sixteen credits	\$35.00
Fourteen credits	32.20
Thirteen credits	29.90
Twelve credits	27.60
Eleven credits	25.30
Ten credits (Minimum for regular students)	23.00
Less than ten credits, per credit	2.50

Special Tuition

Physical education is charged double tuition. Art with other subjects is charged double tuition; when taken alone, 40c for each two hours attendance per week.

Tutoring (by permission of Academic Standards Committee): for one student, triple tuition; for two to four students, double tuition; for more than four, regular tuition.

Fees

A registration fee of \$5.00 for each quarter of attendance will be charged each student to cover matriculation fee, library

fee, *Collegian*, *Mountain Ash*, Associated Students fee, lyceum, health service, and gymnasium fee.

Special Fees

Late registration	\$1.00
Change of program	1.00
Special examination	1.00
Advanced standing credit by examination, per quarter credit	1.00
Recording of Preparatory School credit, per unit	2.50
Transcript of grades	
First transcript	no charge
Each succeeding transcript	\$1.00
Diploma	3.00
Degree	5.00

Laboratory Fees

	AMT. PER QUARTER	PER QUARTER CREDIT
Art		\$1.25
Astronomy	\$1.00	
Biology	4.00	
Microscopical Technique	5.00	
Bacteriology	3.00	
Chemistry	5.00	
Pre-Nurses Chemistry	3.50	
China Painting	1.50	
Clothing .....		.50
Experimental Cookery	2.50	
Food Study	4.00	
Design	1.00	
Industrial Arts		1.00
News Writing .....	.50	
Machine Shop	5.00	
Physics	4.00	
Physiology		1.00
Practical Hygiene	2.00	
Radio Speech	1.00	
Student Teaching .....		.25
Surveying	1.00	
Teaching of Art	1.00	
Woodwork		1.00
Business Machines	3.00	
Tests and Measurements	2.00	
Photography	3.50	
Directing I	3.00	

Gymnasium

	AMT. PER QUARTER
Pool (for village students not registered in Physical Education)	\$1.00
Pool (for normal training pupils) once a week only .....	.50

Typewriter Rentals

	AMT. PER QUARTER
Three hours weekly	\$1.50
Six hours weekly	2.75
Nine hours weekly	3.75

Estimated Expenses for Home Students

The following estimate is based upon the supposition that a student is carrying full work, is doing \$16.00 worth of work each school period for which he is credited, and is not taking any special work such as music or art:

	LOW	AVERAGE	LIBERAL
Tuition, Room, and Laundry (Labor deducted)	\$190.00	\$220.00	\$230.00
Fees (Library, Industrial, and Laboratory)	15.00	20.00	35.00
Board	120.00	140.00	160.00
Books and Stationery	10.00	20.00	30.00
Totals	\$335.00	\$400.00	\$455.00

MUSIC*Charges*

Following are the rates of tuition for a period of six weeks. All charges are payable strictly at the end of each period.

Piano, Violin, Voice, or Organ, two lessons weekly	\$14.40
Piano, Violin, Voice, or Organ, one lesson weekly	8.40
Student Teachers:	

Piano, two lessons weekly	9.00
Piano, one lesson weekly	5.10

Piano, Violin, and Vocal Production Classes

Classes in Piano and Vocal Production meet twice a week. The charges are three dollars a period. Class enrollment is limited to ten.

Rentals

Piano, grand, one hour each day, per period	\$2.50
Piano, upright, one hour each day, per period	1.50
Piano, upright, two hours each day, per period	2.50
Organ, two manual, one hour each day, per period	2.50
Pipe Organ, one hour each day, per period	7.20
Pipe Organ, for less than five hours, per hour .....	.25
Piano rent for vocal students, per period	1.00

Longer periods of practice at reduced rates.

A Cappella Choir and Glee Club

All A Cappella Choir members will be charged 75 cents per quarter to cover part of the expenses of music, robes, advertising, and programs.

All Glee Club members will be charged 50 cents a quarter to cover part of the expenses for music, advertising, programs, etc.

Lessons

Lesson charges are made by the period. Refunds will be made only in case of prolonged illness. Lessons missed by the

teacher will be made up during the quarter. Lessons missed by the student cannot be made up unless the instructor is notified within a reasonable length of time before the lesson period.

Withdrawal

Students are expected to make arrangements for withdrawal, and must settle accounts at the business office before leaving. A statement from the instructor must be submitted by each student pursuing a laboratory course, certifying that he has returned or satisfactorily arranged for all apparatus used by him.

SCHOLARSHIP PLAN

Students who enter the colporteur work for the purpose of earning school expenses have available the following four plans. The amounts in the last line are the delivery values which the student must deposit with his Book and Bible House in order to receive credit at the College Business Office in amount as indicated in the corresponding place in the first line. These scholarships are to be used for tuition, fees, board, room and laundry.

Amount of Scholarship	\$200.00	\$300.00	\$400.00	\$500.00
Scholarship Award, 30 per cent	60.00	90.00	120.00	150.00
Amount for Student to Earn	\$140.00	\$210.00	\$280.00	\$350.00

Amount for Student to Deliver

280.00 420.00 560.00 700.00

Students wishing to avail themselves of the scholarship benefits must arrange to have the full amount of their required credit forwarded to the College before the close of the first six weeks of school.

TUITION ACQUIRED BY LABOR

Frequently, students who have not sufficient money to defray their expenses at the College are given employment in some industry connected with the institution. Thus many are assisted by the College management in their efforts to secure an education. One should not, however, expect to earn his entire expenses, as this is not compatible with good school work. Students are expected to take at least 10 credits of class work a quarter and are therefore limited in the amount which they can earn through labor. See page 31. Concerning

employment of such help, the College Board has found it necessary to establish the following regulations: That where contracts are made with students to labor for tuition, if individuals thus earning tuition find it impossible to attend College, the Board will not obligate itself to redeem such tuition in cash; nor is it transferable, except by special arrangement with the Board. If the College in any instance redeems such tuition in cash, it shall be at a discount of not less than 25 per cent on the part of the holder on the total amount earned.

MISCELLANEOUS

Stationery, textbooks, and such other material as students need in their school work may be obtained at the College Store at reasonable prices. Merchandise and textbooks will not be sold on account unless students have a cash deposit at the business office in addition to the regular school deposit.

All rates quoted in this bulletin are subject to change without notice.

Students should bring their baggage checks to the College business office. No charge is made for hauling baggage during the first week of each quarter.

ALUMNI ASSOCIATION STUDENT LOAN FUND

The Alumni Association of Walla Walla College has available certain funds for assisting worthy students who have reached their senior year in the institution. All those who desire loans should make application with the registrar regarding such loans.

EVELYN McNAY-STEEN SCHOLARSHIP FUND

A fund primarily for assisting worthy young women beyond the freshman year. For information, apply to the registrar.

BEQUESTS AND DONATIONS

Since it is highly important that the College Board should not be hampered by a lack of funds in its efforts to give the very best training to our young people, we invite those whom God has blessed with means to remember the cause of Christian education. All bequests and donations should be made payable to Walla Walla College, College Place, Washington.

PART IV

General Regulations

Government

In all matters pertaining to personal conduct, students are expected to behave as responsible citizens and members of a Christian community. Any student who becomes antagonistic to the spirit and methods of the institution, thereby severs his connection with the College. Every effort will be made to stimulate the student to honest, conscientious work, but the College is not willing to undertake the problem of governing students who are not in sympathy with its purposes.

General Regulations

Persons coming to College Place for purpose of entering any department of the College are subject to its government from the time of their arrival; and whenever a student has entered the College, he is under its jurisdiction until his connection is formally terminated by graduation or otherwise.

Walla Walla College publishes a Student Manual which gives detailed information as to the regulations and standards of the College. Students are expected to observe all regulations in the Student Manual as fully as those of the BULLETIN, and they should familiarize themselves with the same. A copy may be secured from the registrar.

Any regulation adopted by the Board or faculty and announced to the students shall have the same force as if in print.

Citizenship

The standing of a student in the school is based upon his scholastic attainments as well as upon his attitudes, general conduct, and decorum. The student's rating as a citizen in the College community is indicated at certain times during the year and is based upon definite items of attitude, conduct, and faculty judgment.

Residence

The board of managers, believing that it should have full control of those for whom it is held responsible, requires all unmarried students to board and room at the College. Students who must find some means of self-support may be permitted, on application, to make other arrangements for their accom-

modations. Applications are made on forms provided by the Board, and must be approved before these arrangements are completed. The faculty will refuse to matriculate students who fail to comply with these regulations. Students who have received permission to live in the village are subject to call into the school homes at any time.

Chapel

On three days each week religious services are held in the College chapel and all students are required to attend. For each unexcused absence exceeding two in a quarter, the student will receive one demerit. All demerits will appear as part of the permanent school records and will also appear on grade cards and credit transcripts. A student whose demerits for any quarter exceed two will be subject to discipline.

Sabbath Observance

The seventh-day Sabbath is observed in Walla Walla College, and all students are expected to deport themselves in harmony with the day. The student's devotional service is held on Friday evening. The Sabbath School convenes at 9:30 o'clock Sabbath morning; the church service is held at 11 o'clock. All students are expected to attend these services.

Moral Conduct

Students must abstain from indecent or disorderly behavior, from profane and unbecoming language, from visiting billiard rooms or gambling places, from attending the theater, motion pictures, or any other entertainments not approved by the College, from indulgence in alcoholic beverages, from card playing and from having cards in their possession, from having or reading pernicious literature, and from improper associations.

Social Standards

Walla Walla College is a co-educational institution and as such recognizes the proper associations of its citizens. Attendance at evening programs and at other social functions is permitted in harmony with specific standards which are set forth in the Student Manual.

Use of Vehicles

Students are requested not to bring automobiles or motorcycles to the institution. Those who bring such vehicles to the College will be required to place them in storage at their

own expense, and deposit their keys and license plates with their dean. In cases of absolute necessity, students may secure a special permit from the administration allowing them to use their vehicle for specified purposes.

Medical Examination and Service

At the time of entrance to the College each student is required to submit evidence of a standard physical examination or to have such examination under the direction of the College physician. Throughout the year a limited free service is rendered for minor ailments to home students by the school nurse. For prolonged illness a reasonable charge is made. The Walla Walla Sanitarium provides complete health service at a discount to students.

Vacation Absences

A charge of one dollar will be made for each class missed before and after any vacation. The maximum penalty in any instance will be five dollars.

Miscellaneous

The College cannot be held responsible for the personal property of any student.

Each student will be required to pay for damage done by him to school property; if the damage is not reported within twenty-four hours, double the amount of replacement will be charged.

THE SCHOOL HOMES

The administration of the College believes that the purpose of the institution can be attained more successfully when students live in the school homes. Here amid comfortable, home-like influences, students may become efficient in the cultivation of those habits of life and graces of character which distinguish the refined Christian man and woman. These years in the lives of students are usually the formative ones, when habits of promptness, neatness, self-control, Christian courtesy, and ideals of association may be fixed. The value of such training is regarded by many as the best part of an education for life.

Daily association of earnest young people should develop strong Christian character in every student who desires to become useful. Attractive and homelike parlors are provided

in each dormitory for group entertainments and for the general use of the students during leisure time.

Pledge

Students who enter the College homes are understood by that act to pledge themselves to conform cheerfully to all regulations printed or announced.

Study Hour

In order to provide an atmosphere of study, quietness is maintained during the evening study period. Permission must be secured from the dean for any necessary absence from the school homes during the study hours. Students are not expected to receive visitors or telephone calls during this time except in cases of emergency.

Leaving the Campus

Since it frequently happens that students are unexpectedly called for, and since students are responsible to those in charge of the homes, no one should leave the campus for any length of time without arranging with their dean.

Students who find it necessary to be absent from the home after the retiring hour, should make previous arrangement with their dean for entrance. Any attempt to enter by other than the regular means will be considered a misdemeanor.

Callers

The dormitories are private homes. Persons who call upon members of the home family will show the same courtesies that they would if they were calling at any other private home. Young women may receive gentlemen callers in the parlors by permission from the dean of women.

Rooms

A ten dollar deposit will insure having a room upon arrival on the campus. Students living in the homes are required to care for their own rooms, and are expected to observe habits of neatness and carefulness about the premises.

When a student leaves school his room should be neat and clean. Failure to do this will incur a charge of one dollar.

Every student is expected to bring his own bedding—three sheets, three pillow cases, a bedspread, a pillow, blankets or comforters, towels, dresser scarfs, curtains, a drinking glass,

a laundry bag, and a cover for the study table. A bathrobe or kimono, and slippers should be provided for use during study hours. All girls expecting to work in the kitchen or laundry should bring three white smocks, made of light material.

Because of hazards of accident or fire, students are not permitted to possess firearms, candles, or lamps in their rooms. Electrical appliances may be used only after being approved by the dean, and will be subject to a charge of \$1.00 per period each.

Radios and phonographs are not allowed in the dormitory rooms. Radios are provided in the dormitory parlors for the use of resident students.

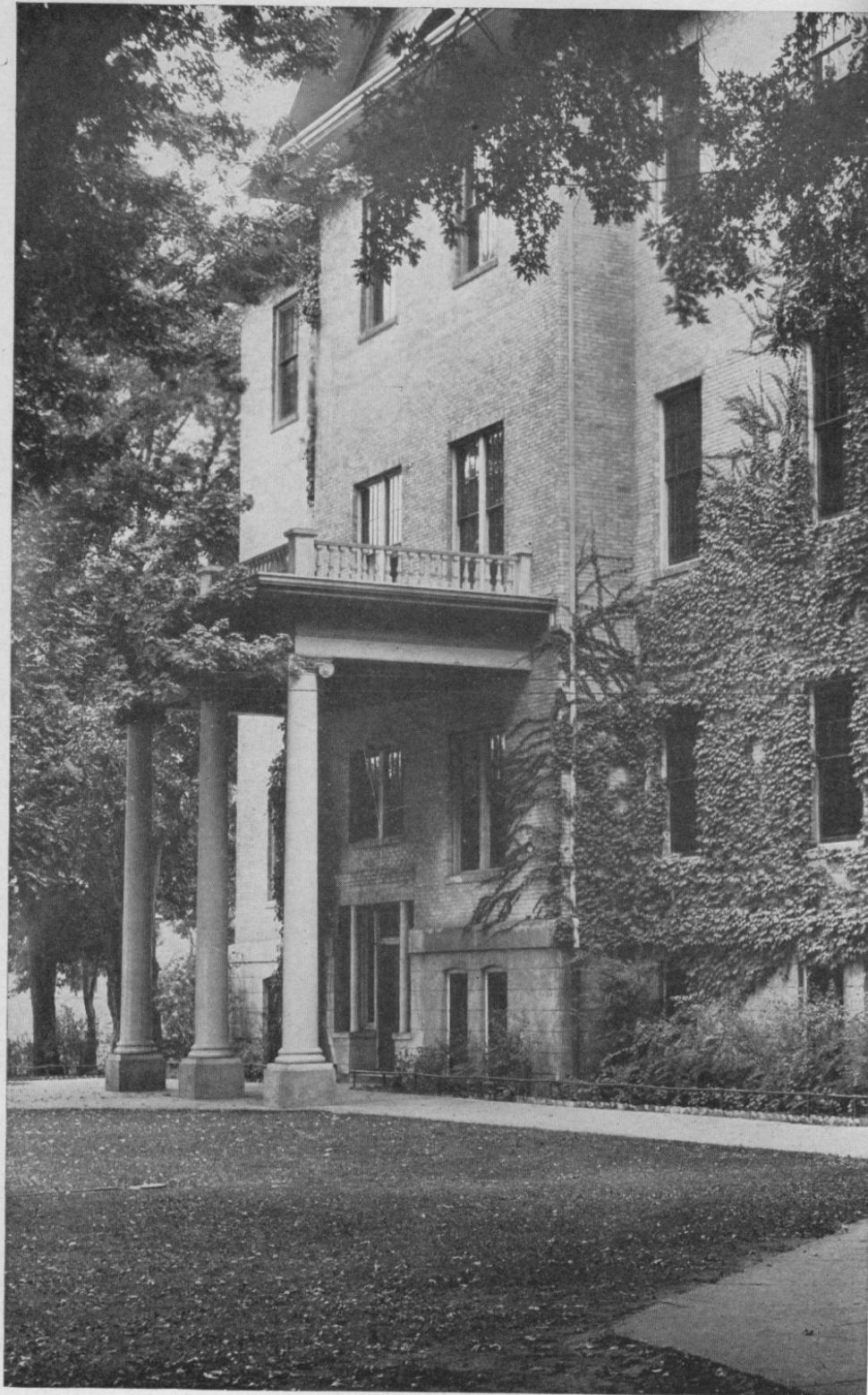
Worship Attendance

Attendance at evening and morning worship, Sabbath School, and Sabbath morning services is expected. If the student is ill or for some good reason cannot attend these meetings he should obtain permission from his dean; he will then be expected to remain quietly in his own room.

A student may be absent from morning worship three times each six-week period without giving excuse. Unexcused absences are subject to discipline.

Preparatory Students

Students of preparatory grades (9-12) are not received into the dormitories.



ADMINISTRATION BUILDING

PART V

Administration of the Curriculums

The College is open to all worthy persons of either sex who come for the purpose of doing earnest, faithful work. Every student who presents himself for admission to the College thereby pledges to observe all its regulations. When this pledge is broken, the student forfeits his membership with the institution.

FRESHMAN WEEK

An introductory period of four days known as Freshman Week is devoted to the induction of new students into college life. It is essential that new students be in attendance. Several tests are given during this period which serve as a reliable basis for advising and assisting students in planning their college programs.

Psychological Examination

This test is a measure to some extent of college aptitude, and the results are of value in arranging the student's study program.

English Placement

All students entering as freshmen are required to take a preliminary examination in the principles of English usage and grammar. The examination requires evidence of the ability of the student to apply these principles in writing.

No charge is made for these tests if they are taken at the appointed time.

Physical Examinations

A physical examination is required each year of all students entering the College. The charge for this examination is included in the matriculation fee.

ADMISSION TO THE FRESHMAN CLASS

Candidates for admission to the College should submit formal application for admission made on the Washington uniform application for admission to higher institutions, provided by the registrar. This application, which will include a transcript of credit, should be sent by the high school or academy to the registrar of the College in ample time to be evaluated before the opening day of registration. Failure to

file credentials early may result in delayed registration and unsatisfactory classification.

Credentials which are accepted toward admission become the property of the College and are kept on permanent file.

A student who for any reason is permitted to register temporarily will not be permitted to remain in school longer than one quarter without presenting a transcript.

Entrance Requirements

The following credits must be included among the sixteen required for entrance.

Bible, 3 units, or one unit is required for each year of attendance in a Seventh-day Adventist academy to the extent of three units.

English, 3 units.

Foreign language, 2 units. (Both units in the same language.)

History, one unit.

*Mathematics, one or two units. (Geometry required.)

Science, one unit. (Laboratory science in the eleventh or the twelfth grade.)

Freshman

Admission to freshman standing may be obtained by one of the following methods:

By Certificate. A graduate of an accredited secondary school provided he has an average of C and can furnish satisfactory recommendations and official transcripts of credits.

By Examination. A graduate of an unaccredited school or an applicant who is not a graduate or who is unable to furnish transcript of credits may qualify for freshman standing by passing examinations. A fee of one dollar will be charged for each examination and two dollars and fifty cents for recording each unit of credit.

Provisional Admission. An applicant for admission who presents fifteen or sixteen acceptable units, and who is deficient in not more than two of the prescribed units, may be admitted provisionally; but these deficiencies must be made up during the first year of residence.

Late Registration

The fee for late registration is \$1.00 for the first day after the regular registration period, and \$1.00 additional for every day late thereafter to a maximum of \$5.00. No student will be permitted to register after the first week of any quarter except by special permission of the instructors under whom he wishes to register.

*Algebra and geometry are entrance requirements for pre-medical and pre-nursing courses.

Partial Course Load

Students who must earn part of their way through school should plan to carry a lighter scholastic load. The following schedule is recommended:

AMOUNT OF WEEKLY OUTSIDE WORK	WEEKLY COURSE LOAD
Under twenty hours	16 credits
From twenty to twenty-four hours	12-14 credits
From twenty-four to thirty hours	10-12 credits

Restricted Enrollment

If at the end of the first six weeks of any quarter a student fails to maintain an average of one-half honor credit for every hour of registration, he is given a probationary status. If at the end of the following quarter a student has failed to maintain this average, he will be asked to withdraw from the college for one or more quarters. He can be reinstated only by vote of the faculty.

During the time a student is on probation his extra-curricular activities will be limited.

Private Lessons

No student will be permitted to take or give instruction in or away from the College except by permission from the Committee on Academic Standards. Correspondence work will not be accredited to students who are in the College and who have the opportunity of taking the subjects there.

CLASS REGULATIONS

Enrollment

A student is enrolled for a course only on presentation of a class card properly endorsed by the registrar.

Class Attendance

The student is responsible for regular attendance at all sessions of classes in which he is enrolled. When a student's absences in a class exceed twice the number of meetings of the class per week, the student forfeits or jeopardizes his grade for the quarter. All work missed by absence must be made up to the satisfaction of the instructor.

Changes in Registration

Changes in registration, properly endorsed by the registrar, may be made during the first week following registration days. No change in registration involving entrance into a

new course will be permitted after the first week (seven days) following the beginning of instruction except by permission of the instructor and the registrar.

A charge of one dollar will be made after the first week for each change of registration not necessitated by the rules of the College.

Withdrawals

A student may withdraw from a course if he has justifiable reasons for doing so. Application must be made to the registrar, who will ascertain the standing of the student, and if passing, a grade of withdrawal will be given. Otherwise a grade of failure will be recorded. In either case the course must be repeated to receive credit. Permission for withdrawal must be obtained from the instructor.

No withdrawal from a course will be accepted during the last two weeks of the quarter. Courses dropped without permission will be marked F on the registrar's books.

Notification to an instructor is not a sufficient notice.

Course Load

The normal course load for all students is sixteen quarter credits per week. No student is allowed to register for less than ten credits of work without permission from Academic Standards Committee. No freshman will be allowed to carry extra work. Sophomores, juniors and seniors may register for eighteen quarter credits provided their average for the previous quarter was B.

No student will be allowed to add to his load by giving or receiving instruction, except by permission of the Committee on Academic Standards.

CLASS STANDING

Freshman Standing

A student is ranked as a freshman when he has satisfied the entrance requirements.

Sophomore Standing

A student is ranked as a sophomore who has satisfied all entrance requirements and has a total of 36 quarter credits and 36 honor points.

Junior Standing

A student is ranked as a junior who has a minimum of 84 quarter credits and 84 honor points.

Senior Standing

A student is ranked as a senior who has met all freshman and sophomore requirements and has at least 136 quarter credits and 136 honor points.

Special Students

A person who is at least twenty-one years of age who cannot fulfill the regular admission requirements for freshman standing, may be permitted to take certain courses for which the instructors consider him qualified. Special students are not eligible for a degree. They may ultimately become candidates for a degree, however, by completing the admission requirements of the college.

Auditors

A student may be admitted to a class as an auditor with the permission of the instructor whose class he desires to attend. No credit is allowed for audited work. Auditors must register with the registrar and pay one-half tuition for the course.

EXPLANATION OF CREDITS

One credit is given for a course meeting for one lecture or class discussion per week for one quarter. Work done in the laboratory is counted on the basis of one credit for three hours in the laboratory. Vocational work, or courses demanding no outside preparation, require a minimum of three hours of work for one credit.

Honor Points

Three honor points are given for each quarter credit of work of an A grade, two honor points for each quarter credit of B, and one honor point for each quarter credit of C. A grade of D gives no honor points, and F deducts one honor point for each credit.

EXAMINATIONS

Special examinations are given at a regular fee of \$1.00, payable in advance at the registrar's office. They may be either examinations for credit on work for which credentials

cannot be supplied, or examinations taken at other than the time set for such regular examinations.

No credit can be earned in this way except by permission of the Committee on Academic Standards.

Credit earned in a subject by examination when the student is not regularly enrolled in the course is charged for at the rate of \$1.00 per quarter credit.

SCHOLARSHIP STANDING

Reports of scholarship standing are made in duplicate to the student and his parents at the close of each quarter. These reports are made in accordance with the following system of marking:

A, superior; B, above average; C, average; D, below average; E, conditioned; F, failure; I, incomplete; W, withdrawal in good standing; WF, delinquent at time of withdrawal; Au, audit course.

E may be given the student of below average scholarship who fails in examination or who has some other work incomplete. If the work is not completed during the following quarter it becomes F. No grade above D may be recorded in the course in which the original grade was E. I is a temporary grade given to a student of average or better scholarship in the case of incomplete work or of absence from examination if approved by the instructor because of illness or other justifiable reason. An I must be removed during the six weeks period following that in which it was incurred; otherwise it becomes E, and the final grade may not be raised above D.

Incompletes will not be given unless arrangements are made beforehand with the teacher, and a definite time limit set for the work to be completed.

The same rule regarding incompletes applies to students who drop out of school as to students who continue in school.

Not more than one attempt will be allowed the student in which to remove an incomplete or a condition.

A student who has an incomplete for one quarter's work may not take extra work without permission of the President.

If a student receives F in any course it will be necessary for him to repeat the course in residence in order to receive

credit for it except by permission from the Committee on Academic Standards.

If a student fails in a course with us and then repeats the course with us, making a satisfactory grade, the failure will not be considered in computing his honor points.

A student failing to earn honor points in a course may not present credits from another school in the course or in a course in direct sequence to apply toward graduation.

Altering Grades

Grades once reported to the registrar may not be changed except by the student registering again and repeating the course unless it is an error made by the instructor.

Transcripts

A student who wishes to send transcripts of his record to other institutions will be furnished the first copy without charge. A fee of \$1.00 will be charged for each transcript thereafter.

Credits are not accepted after a student has ceased residence in the college.

LOWER AND UPPER DIVISION COURSES

Course Numbers

Courses numbered 1-49 are of freshman level; 50-99, sophomore level; 100-149, junior level; 150-200, senior level.

Upper division courses may not be taken until the preparatory work is completed, and also the following lower division requirements:

Religion	12 credits
Freshman English	9 credits
Physical Education and Health	6 credits

Uncompleted hyphenated courses are not counted toward the completion of any course or a degree.

Upper division students may receive upper division credit in a limited number of lower division courses. To receive such credit a student must have permission from his major professor; he must do special work under the direction of the instructor; he must earn a grade not lower than B; he must do the work assigned for upper division the year he is taking the course.

Sophomores desiring to earn upper division credit in upper division courses must maintain a B average and receive permission from the registrar, to receive such credit.

Lower division students may not earn extra credit in a course by doing additional assigned work unless recommended by the Registrar.

Extension Work

The extension work is done by the Home Study Institute of Washington, D. C., which serves as the Extension Division of the Associated Colleges of Seventh-day Adventists. Full credit will be given for courses taken through the Institute.

College students in courses who wish to apply college credits earned by extension on the requirements for a diploma or a degree should obtain permission to do so from the Committee on Academic Standards. Validation examinations are required at the discretion of the committee.

Transfer Students

An applicant who has attended another institution of collegiate rank must have forwarded to the registrar of the College a transcript of advanced standing embodying a statement of honorable dismissal. Transferred students must have maintained a C average in all courses accredited toward graduation.

It is obligatory to submit at entrance, records from all schools previously attended.

A student who cannot present a transcript of advanced standing may be admitted by examination.

Examinations for advanced credit must be taken before the end of the second week of the first quarter in which the student makes his initial entrance into college.

Transcripts of advanced standing are not evaluated finally until the student has been in residence at Walla Walla College one quarter and the quality of his work is determined.

A student transferring from a non-accredited college or university will be enrolled with conditional status, with tentative credit for such advanced standing as his transcripts may justify, as interpreted by the Committee on Academic Standards. If, after one quarter, the student maintains at least a C average in a normal program, he will be accepted

as a regular student with full credit for such advanced standing as is allowed by the committee upon evaluation of his transcript. Failure to meet this standard will delay or prevent graduation.

No student who has been dropped from another institution on account of poor scholarship, or who is on probation from such institution, will be eligible for enrollment in the College until he can qualify for re-admission to the institution from which he has been dropped.

Credit from Junior College

The maximum amount of credit allowed from a junior college is one hundred eight credits.

Registration Regulations

Every student is required to register each quarter. Registration is for one quarter only.

The acceptance of entrance credentials, the completion of entrance tests, and the payment of fees constitute full admission to academic membership in the College.

Matriculation includes the filling out of information blanks, the selection of studies for the quarter, and the payment of the initial fee.

Physical Education Requirements

Regular freshman and sophomore courses in physical education are arranged for men and women.

These courses are required of all freshmen and sophomore students under twenty-five years of age. Exemptions from these requirements may be granted on written applications approved by the President on recommendation of the physical education instructor. For reasons of a physical nature, exemptions may be granted on the recommendation of the college physician.

PART VI

Senior College Courses

GRADUATION

Degrees and Diplomas

Courses are offered leading to the degrees, Bachelor of Arts, Bachelor of Science, and Bachelor of Theology. Those who complete the preparatory medical course and two years at the College of Medical Evangelists will receive the degree of Bachelor of Arts.

Candidates for graduation from any curriculum are required to file with the registrar, not later than three weeks after the opening of the third quarter preceding graduation, a copy of their proposed schedules of courses for the three quarters preceding graduation.

Each professional or college senior, shall, before registering for the third quarter of his senior year, file a formal application with the registrar for his diploma or degree, accompanied by the required fee.

Applicants who are late in filing their applications cannot be assured of recommendations to the faculty.

A degree student shall have the option of being held to the graduation requirements published in the catalogue under which he enters or for any year of attendance following, provided he does not discontinue his work at one time for longer than two quarters. All responsibility for fulfilling the requirements for graduation shall be thrown upon the student concerned.

Major Study

Not later than the beginning of the *sophomore* year the student should select a major study in which at least forty-five credits of work must be done to obtain a degree. Immediately after selecting his major study, the student should consult the head of the department in which the major study is to be taken, for advice concerning the choice of a minor study and appropriate electives.

From twenty-one to twenty-four credits of a student's major study should be in upper division courses. Majors may be obtained in the following: Biology, Business Administra-

tion, Chemistry, English Literature, History, Home Economics, Mathematics, Ancient Languages, German, French, Physics, Secretarial Science, Music, and Manual Arts. Those desiring to specialize in Bible should consult the School of Theology for courses.

A student desiring to select a major in his senior year, must have not more than twenty-seven credits of his major to complete.

Minor Study

At least twenty-seven credits of work must be done in the minor study. Minors are available in the following: Bible, Greek, Chinese, Biology, Business Administration, Chemistry, Education, English Literature, English Composition, Speech, History, Home Economics, Journalism, Mathematics, Spanish, German, Physics, Secretarial Science, and Manual Arts.

A grade of D does not count on a major or a minor but may count on other upper division courses.

Pro-Seminar Courses

Pro-seminar courses may not be taken until nine credits in education have been completed. These courses may count on a minor in education.

Music Credit Allowed on a Degree Course

Not more than nine credits of applied music may be allowed as elective without credit in theoretical music. For each additional credit of applied music to be used as elective credit there must be at least one credit in theoretical music.

A maximum of three credits on ensemble work may be used toward graduation from the general college curriculum.

Senior Class Membership

Candidates for graduation from the College must present a minimum of sixty credits in upper division courses.

All candidates for degrees must be members of the senior class. All credits, including correspondence work and incompletes incurred at the end of the winter quarter, must be filed in the registrar's office by the end of the first six weeks of the spring quarter. Students failing to meet this requirement will be asked to withdraw from the graduating class.

No senior may take prescribed freshman courses for credit toward the 192 credits required for graduation.

Residence Work

Candidates for degrees, with the exception of medical students, must spend their senior year, 36 weeks, in residence at the College, and earn a minimum of 36 credits. Other candidates for graduation must complete the senior year's work of at least thirty-six credits in residence.

A Second Bachelor's Degree

The college does not issue a second degree of the same kind, but a student who has received a B. A. degree may continue his work and earn a B. S., B. Th., or vice versa. If one wishes to take a second degree, he must complete forty-five credits and be in residence three additional quarters.

Vocational Credit

The vocational requirement for a bachelor's degree may be met by presenting nine credits from the following: manual arts, agriculture, auto mechanics, baking, home economics, machine shop, printing, typing, shorthand, commercial lettering, one-half of the library science course, and accounting. A minimum of six credits must be presented in one vocation.

Senior Students Transferring

A senior student transferring from another college must do at least nine credits of upper division work in his major subject in this college, and a minimum of three credits in his minor.

REQUIREMENTS FOR GRADUATION

Degrees

*The degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Science in Manual Arts is conferred upon students who have fulfilled the following conditions:

1. Complied with all entrance requirements. (See page 30).
2. Completed one hundred ninety-two quarter credits of college work as indicated under the various curriculums. At least sixty credits must be in upper division courses. The senior year's work of at least thirty-six credits must be done in residence.
3. Maintained a C average.
4. Earned at least forty-five credits in a major study in one department and a minimum of twenty-seven credits in an

*For B. Th. degree requirements see page 96.

appropriate minor study. A minimum of twenty-one credits of the major study must be in upper division courses. No grade lower than C will be counted on a major or a minor.

5. Satisfied the following specific requirements:

Religion	24 credits
History	9 credits
*Education and Psychology	9 credits
†Language, Ancient or modern	15-24 credits
English	9 credits
Basic Science	
Elect Chemistry, Physics, Biology, Physiology, or Mathematics	12 credits
Vocational	9 credits
Physical Education and Health (Medical Cadet required)	6 credits

Majors in Business, Secretarial Science, Home Economics, and Manual Arts may be excused from foreign language.

Requirements for a Major in Music

Prerequisites: Sightsinging I, Directing I, Fundamentals, Advanced Standing in Applied Music.

(Prerequisites may be waived only by recommendation of the Music Faculty.)

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Applied	2	Applied	2	Applied	2
Harmony I	2	Harmony I	2	Harmony I	2
Theory I	1	Theory I	1	Theory I	1
Ensemble	½	Ensemble	½	Ensemble	½
Bible	2	Bible	2	Bible	2
English	3	English	3	English	3
Language	5	Language	5	Language	5
Physical Education	½	Physical Education	½	Physical Education	½
—	—	—	—	—	—
16		16		16	

SECOND YEAR

Applied	2	Applied	2	Applied	2
Harmony II	2	Harmony II	2	Harmony II	2
Theory II	1	Theory II	1	Theory II	1
Directing II	1	Directing II	1	Directing II	1
Ensemble	½	Ensemble	½	Ensemble	½
Bible	2	Bible	2	Bible	2
Psychology	3	Psychology	3	Principles of Edu.	3
History	3	History	3	History	3
Physical Education	½	Physical Education	½	Physical Education	½
Elective	1	Elective	1	Elective	1
—	—	—	—	—	—
16		16		16	

*Principles of Education required.

†See page 79.

THIRD YEAR			
Applied	3	Applied	3
Counterpoint	2	Counterpoint	2
Bible	2	Bible	2
Science	4	Science	4
Health Principles	3	Elective	3
Elective	2	Elective	2
—	—	—	—
16		16	
			16

Junior Recital

FOURTH YEAR			
Applied	4	Applied	4
History of Music	3	History of Music	3
Form and Analysis	2	Form and Analysis	2
Bible	2	Bible	2
Elective	5	Elective	5
—	—	—	—
16		16	
			16

Senior Recital

Piano, voice, and violin credit based on:

2 credits for 1 lesson and 12 hours practice per week.

3 credits for 1 or 2 lessons and 18 hours practice per week.

4 credits for 2 lessons and 24 hours practice per week.

Course Outline for Major in Business Administration

FIRST YEAR			
Autumn Quarter	Credits	Winter Quarter	Credits
Accounting Principles	3	Accounting Principles	3
Lettering	½	Lettering	½
Typing	1	Typing	1
Medical Cadet Corps	1½	Medical Cadet Corps	1½
Economics	3	Economics	3
Speech	2	Speech	2
Life and Teachings	2	Life and Teachings	2
Freshman English	3	Freshman English	3
—	—	—	—
16		16	
			16
SECOND YEAR			
Bible	2	Bible	2
Intermed. Accounting	2	Intermed. Accounting	2
History	3	History	3
Psychology	3	Psychology	3
Bus. Correspondence	2	Health Principles	3
Science	4	Science	4
—	—	—	—
16		17	
			16
THIRD YEAR			
Bible	2	Bible	2
*Accounting III or Advertising	3	*Accounting III or Advertising	3
*Business Law or Methods and Research	2	*Business Law or Methods and Research	2
Minors or Electives	9	Minors or Electives	9
—	—	—	—
16		16	
			16

*Note: Alternating upper division courses must be taken as offered.

FOURTH YEAR

Bible	2	Bible	2	Bible	2
*Accounting III or Advertising	3	*Accounting III or Advertising	3	*Accounting III or Advertising	3
*Business Law or Methods and Research	2	*Business Law or Methods and Research	2	*Business Law or Business Machines	2
Minors or Electives	9	Minors or Electives	9	Minors or Electives	9
—	—	—	—	—	—
	16		16		16

Course Outline for Major in Secretarial Science

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
Freshman English	3	Freshman English	3	Freshman English	3
Shorthand I	3	Shorthand I	3	Shorthand I	3
†Typing I	1	†Typing I	1	†Typing I	1
Economics	3	Economics	3	Economics	3
General Psychology	3	Ed. Psychology	3	Principles of Ed.	3
Physical Education	½	Physical Education	½	Physical Education	½
Lettering	½	Lettering	½	Lettering	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
Prin. of Accounting	3	Prin of Accounting	3	Prin. of Accounting	3
Advanced Shorthand	2	Advanced Shorthand	2	Advanced Shorthand	2
Advanced Typing	1	Advanced Typing	1	Advanced Typing	1
History	3	History	3	History	3
Bus. Correspondence	2	Health Principles	3	Business Behavior	2
Physical Education	½	Physical Education	½	Physical Education	½
Elective	3	Elective	2	Elective	2

THIRD YEAR

Bible	2	Bible	2	Bible	2
*Adv. Dictation or Secretarial Work	2	*Adv. Dictation or Secretarial Work	2	*Adv. Dictation or Secretarial Work	2
*Business Law or News Writing	2	*Business Law or News Writing	2	*Business Machines or News Writing	2
Science	4	Science	4	Science	4
Elective	6	Elective	6	Elective	6

FOURTH YEAR

Bible	2	Bible	2	Bible	2
*Adv. Dictation or Secretarial Work	2	*Adv. Dictation or Secretarial Work	2	*Adv. Dictation or Secretarial Work	2
*Business Law or News Writing	2	*Business Law or News Writing	2	*Business Machines or News Writing	2
Methods in Teaching	1	Methods in Teaching	1	Methods in Teaching	1
Elective	9	Elective	9	Elective	9

*Note: Alternating upper division courses must be taken as offered.

†Note: Special typing may be substituted by permission of the instructor. See course
B. A. 11A.

Outline of Bachelor of Science Course

		FIRST YEAR			
Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
Freshman English	3	Freshman English	3	Freshman English	3
General Chemistry	4	General Chemistry	4	General Chemistry	4
Mathematics	4	Mathematics	4	Mathematics	4
Health Principles	3	Education	3	Prin. of Education	3
Physical Education	½	Physical Education	½	Physical Education	½
SECOND YEAR					
Bible	2	Bible	2	Bible	2
Second Year Languages	5	Second Year Language	5	Second Year Language	5
Mathematics	4	Mathematics	4	Mathematics	4
Physics or Chem.	3-5	Physics or Chem.	3-5	Physics or Chem.	3-5
Physical Education	½	Physical Education	½	Physical Education	½
THIRD YEAR					
Bible	2	Bible	2	Bible	2
History	3	History	3	History	3
Vocational	3	Vocational	3	Vocational	3
Major	3-5	Major	3-5	Major	3-5
Physics		Physics		Physics	
Chemistry		Chemistry		Chemistry	
Biology		Biology		Biology	
Mathematics		Mathematics		Mathematics	
Elective	2-4	Elective	2-4	Elective	2-4
FOURTH YEAR					
Bible	2	Bible	2	Bible	2
Major	5-7	Major	5-7	Major	5-7
Physics		Physics		Physics	
Chemistry		Chemistry		Chemistry	
Biology		Biology		Biology	
Mathematics		Mathematics		Mathematics	
Education	3	Elective	6-8	Elective	6-8
Elective	3-5				

*Bachelor of Science with a Major in
Nursing Education*

A Bachelor of Science degree with a major in Nursing Education and a minor in Biological Science is offered to registered graduate nurses who have met the following prerequisites:

- a. Graduation from an accredited secondary school or its equivalent.
- b. Completion of the pre-nursing curriculum.
- c. Graduation from an accredited Seventh-day Adventist school of nursing or its equivalent with credits meeting a minimum evaluation of 96 quarter hours.

If a student satisfactorily fulfills the above requirements, the senior year's work will represent the following (36 hours to be in Upper Division):

Major (Nursing Education)	17	quarter hours
Minor (Biological Science)	12	quarter hours
History	9	quarter hours
Religion	3	quarter hours
Electives	7	quarter hours

Suggestive curriculum for senior year:

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Methods in Nursing		Health Administration	3	Supervision in Schools	
Education	3	Seminar	1	of Nursing	3
Seminar	1	College Physiology		Seminar	1
Embryology (or other science)	3	or Parasitology	3	College Physiology	
		Observation and		or Parasitology	3
Religion (any quarter)	3	Practice	3	History	3
History	3	History	3	Education	3
Elective (as Education)	3	Electives (as Education)	3	Science	3

Two-Year Course in Nursing Education

Graduate registered nurses meeting requirements "a" and "c" who have not had the pre-nursing subjects will be required to take 48 hours in addition as follows:

Pre-nursing Chemistry	9	quarter hours
Microbiology	6	quarter hours
English	9	quarter hours
Education	6	quarter hours
Religion	6	quarter hours
Electives	12	quarter hours

Bachelor of Science in Manual Arts

The following schedule of classes is recommended for candidates for the degree of Bachelor of Science in Manual Arts:

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
English	3	English	3	English	3
Mathematics	4	Mathematics	4	Mathematics	4
Major	3	Major	3	Major	3
Elective	4	Elective	4	Elective	4
—	—	—	—	—	—
16		16		16	

SECOND YEAR

Bible	2	Bible	2	Bible	2
Physics	4	Physics	4	Physics	4
Major	3	Major	3	Major	3
Elective	7	Elective	7	Elective	7
—	—	—	—	—	—
16		16		16	

THIRD YEAR

Bible	2	Bible	2	Bible	2
Major	4	Major	4	Major	4
Elective	10	Elective	10	Elective	10
—	—	—	—	—	—
16		16		16	

FOURTH YEAR			
Bible	2	Bible	2
Major	5	Major	5
Elective	9	Elective	9
—	—	—	—
	16		16
			16

Standards of Certification for Teachers in Seventh-day Adventist Secondary Schools

Certificates

The General Conference Department of Education has provided two types of certificates for teachers of secondary subjects, a five-year certificate and a life certificate. The first, the Five-year Secondary Certificate, is based upon graduation from a college within the Association of Seventh-day Adventist Colleges and Secondary Schools, or one of equal rank, and requires a minimum of 23 credits of professional training. The second, the Life Secondary Certificate, is issued to a holder of the Five-year Secondary Certificate who has completed during the life of such certificate 27 months of successful teaching, and who is recommended by the union educational secretary.

Requirement in Professional Training

The minimum requirement of 23 credits in professional training in education shall be chosen from the following subjects, preferred in the order listed:

Principles of Christian Education (required) (54 or 56)	3 credits
Educational Psychology (58)	3 credits
Principles of Secondary Teaching (131)	2 credits
Special Methods (in major subject) (197)	3 credits
Secondary Practice Teaching (162)	3 credits
Educational Measurements (135)	3 credits
History of Education	3 credits
Adolescent Life and Problems (139)	3 credits
Secondary School Administration (123)	3 credits

Requirements in Specific Subjects

The following requirements shall be the minimum for certification in the various fields represented below:

Bible. 27 credits, including Daniel and Revelation or advanced Bible doctrines, in addition to 3 secondary units.

English. 27 credits, including rhetoric, advanced composition, and types of literature, in addition to 3 secondary units. (Library science or speech is evaluated on a fifty per cent basis in meeting the English requirement).

History. 18 credits, including a survey of modern Europe and a national history, in addition to 2 secondary units.

Language. 18 credits, in addition to 2 secondary units in the same language.

Mathematics. 15 credits, in addition to 2 secondary units.

Music. Graduation from a standard Seventh-day Adventist College conservatory course in music, or its equivalent, as interpreted by the General Conference Department of Education.

Natural Science. 18 credits in laboratory science subjects, including 9 credits in the specific field in which certification is desired, in addition to the secondary content in the field in which certification is requested, and including a background of at least 2 secondary units of science.

Typewriting. 50 words a minute, net, in a certified 15-minute standard speed test, record to be submitted through registrar to General Conference Department of Education.

Other Subjects. Agriculture, art, bookkeeping, cooking, health, printing, sewing, shorthand, woodworking:

18 credits or the equivalent in the specific field in which certification is desired, secondary units to be evaluated on the basis of 3 credits per semester.

Bachelor of Arts in Elementary Education

Prerequisite: Sixteen units of work in an accredited secondary school which must include the following:

English	.....	3 units
History (including American History and Government)	.....	2 units
Science	.....	1 unit
Mathematics	.....	1 unit
*Bible	.....	3 units

Requirements for the Degree of Bachelor of Arts in Elementary Education

This course, with the major consisting of the courses in Education and Psychology, requires the completion of one hundred ninety-eight (198) credits, divided as follows:

Education and Psychology	.....	38
Introduction to Education (2)		
Philosophy of Education (3)		
Student Teaching and Techniques (21)		
Psychology (9)		
Tests and Measurements (3)		
State Manual (0)		

*One unit for each year of attendance at a Seventh-day Adventist Academy.

General Academic Requirements	98
English and Speech (18)	
Art (3)	
Social Studies (23)	
History of Washington (3)	
Health and Physical Education (6)	
Industrial Arts (5)	
Music (5)	
Mathematics (3)	
Religion (18)	
Science (14)	
Two Minors (18 upper division) (20 each)	40
To be selected from the following:	
Biology	French
Chemistry	German
English Literature	Mathematics
History	Music
Home Economics	Physics
	Business
	Spanish
	Speech
Free Electives	22

The following schedule of classes is recommended for candidates for the degree of Bachelor of Arts in Elementary Education:

Four-Year Course

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible Survey	2	Bible Survey	2	Bible Survey	2
American History	3	American History	3	American History	3
Teacher's English	2	Teacher's English	2	Teacher's English	2
Introduction to Ed.	2	Music Fundamentals	2	Health Principles	3
Industrial Art	3	School Art	3	Industrial Art	2
Survey of Phys Sc.	4	Elementary Zoology	4	Botany	4
—	—	—	—	—	—
16		16		16	16

SECOND YEAR

Speech	2	Speech	2	American Literature	2
American Literature	2	American Literature	2	Fund. Ch. Belief	2
Fund. Ch. Belief	2	Fund. Ch. Belief	2	Music in Elem. Sch.	3
American Govt.	3	Math. Principles	3	Junior Leadership	1
Junior Leadership	1	Junior Leadership	1	Geography	5
Psychology	3	Psychology	3	Electives	3
Electives	3	Electives	3	—	—
—	—	—	—	—	—
16		16		16	16

THIRD YEAR

Teaching and Tech.	5	Teaching and Tech.	5	Teaching and Tech.	5
Remedial Teaching	3	Denom. History	3	Denom. History	3
Electives	9	Tests and Meas.	3	Philosophy of Edu.	3
—	—	Child Psychology	3	Electives	6
17		Electives	3	—	—
		—	—	—	—
		17		17	17

FOURTH YEAR

Daniel and Revelation 2	Daniel and Revelation 2	Daniel and Revelation 2
Electives 15	Teaching 4	Child Literature 2
	Electives 11	Electives 10
—	—	Washington History 3
17	17	17

NOTES: (1) Three credits of student teaching must be completed at Walla Walla College regardless of the amount of similar work taken elsewhere.

(2) Students not presenting secondary vocational credit must choose a vocational for an elective.

(3) Two additional credits in Biology must be chosen as elective.

Teacher Certification

The Teacher Training Department of Walla Walla College is accredited by the State of Washington, and students who complete the four-year Teacher Training Course in accordance with the above regulations will be granted an Elementary Certificate by the Department of Education of the State of Washington.

Completion of the following specified requirements will entitle the student to the corresponding Elementary Certificate issued by the Department of Education of the General Conference of Seventh-day Adventists, provided the proper prerequisites have been taken.

I. *Two-year Elementary Certificate*

Issued to one having not less than forty-five (45) quarter credits of college work, including the following:

9-15 Bible

15-23 Education, to include:

3-5 Principles of Christian Education

6-9 Elementary Methods and Supervised Teaching

3-5 School Management or Technique

3-6 Practical and Fine Arts

II. *Five-year Elementary Certificate*

Issued to one completing the four-year college curriculum with a major in Elementary Education.

PART VII

Junior College Courses

PREPARATORY MEDICAL COURSE

The College Preparatory Course or its equivalent is a prerequisite to the preparatory Medical Course. In this course are included all the requirements necessary for entrance to The College of Medical Evangelists. Credits in order to be accepted for entrance into the Medical College should show at least 1.5 honor points for each quarter credit in science, and for each quarter credit in non-science respectively. After completion of this course and two years of work in the College of Medical Evangelists, the Bachelor of Arts degree will be conferred.

Transfer students must do at least 36 credits, including 9 credits in science subjects, in this college.

The basic requirements for entrance to the College of Medical Evangelists may be met in two years. Such a course, however, does not lead to a diploma or degree.

Prerequisite: Sixteen units of work in an accredited school, which must include the following (15 credits during emergency):

English	.....	3 units
History	.....	1 unit
Algebra	.....	1 unit
Geometry	.....	1 unit
*Language	.....	2 units

Preparatory Medical Course

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
Freshman Comp.	3	Freshman Comp.	3	Freshman Comp.	3
General Chemistry	4	General Chemistry	4	General Chemistry	4
Elementary Zoology	4	Elementary Zoology	4	Elementary Botany	4
General Mathematics	2	General Mathematics	2	General Mathematics	2
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
Physics	4	Physics	4	Physics	4
Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3
*Language	3	*Language	3	*Language	3
American Govt.	3	Analytical Chemistry	3	Analytical Chemistry	3
Physical Education	½	Physical Education	½	Physical Education	½

* Both of the language units must be in the same language.

* Pre-medical students who have not had the requisite preparation in language must take 15 credits in language in the second year and 9 credits the third year. American Government and Chemistry of the second year must then be elected in the third year.

THIRD YEAR

Bible	2	Bible	2	Bible	2
Speech	2	Speech	2	Speech	2
History	3	History	3	History	3
Education	3	Education	3	Education	3
Vocation	3	Vocation	3	Vocation	3
Vertebrate Embryology	3	Chemistry or Elective	3	Chemistry or Elective	3

PRE-DENTAL

Beginning in September, 1937, the minimum requirements for admission to the study of dentistry were advanced to two pre-dental years. The first two years of the pre-medical course is recommended.

PRE-DIETETIC COURSE

Prerequisite: Sixteen units of work taken in an accredited school.

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
General Chemistry	4	General Chemistry	4	General Chemistry	4
Freshman English	3	Freshman English	3	Freshman English	3
Food Study	3	Food Study	3	Food Study	3
Economics	3	Economics	3	Economics	3
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
American Govt.	3	Psychology	3	Principles (Philosophy) of Education	3
Psychology	3	Anatomy and Physiology	3	Anatomy and Physiology	3
Elective	8	Elective	8	Elective	8

PRE-ENGINEERING AND MECHANICAL ARTS COURSE

The course is designed to meet the needs of students who wish a foundation for the study of engineering, or who wish to continue further scientific and cultural training leading to the Bachelor of Science degree. It will also give the requisite training in practical mechanics and shop practices needed by students who are planning on the mechanical trades as a vocation.

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
Mathematics	4	Mathematics	4	Mathematics	4
Chemistry	4	Chemistry	4	Chemistry	4
Mechanical Drawing	2-3	Mechanical Drawing	2-3	Mechanical Drawing	2-3
*English	3	*English	3	*English	3
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
Physics	4	Physics	4	Physics	4
*Mathematics	4	*Mathematics	4	*Mathematics	4
Machine Shop	3	Machine Shop	3	Machine Shop and Welding	3
Economics	3	Economics	3	Economics	3
Physical Education	½	Physical Education	½	Physical Education	½

PRE-NURSING COURSE

Prerequisite: The following sixteen units in an accredited secondary school, as well as a high C average, are prerequisite in most schools of nursing:

English	3 units
Language	2 units

(Two units must be in the same language)

Mathematics	2 units
History	1 unit
Bible	1-4 units

(One unit for each year of attendance at a Seventh-day Adventist academy. One unit for high school graduates.)

Science	2 units
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(One unit must be chemistry or physics, with preference given to physics).

Pre-nursing students will be required to pass an examination in arithmetic upon entering the College.

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Daniel and Revelation	2	Daniel and Revelation	2	Daniel and Revelation	2
Freshman English	3	Freshman English	3	Freshman English	3
Anatomy and Physiology	3	Anatomy and Physiology	3	Anatomy and Physiology	3
Health Principles	3	Microbiology	3	Microbiology	3
Pre-nursing Chem.	3	Pre-nursing Chem.	3	Pre-nursing Chem.	3
History of Nursing	2	History of Nursing	1	History of Nursing	2
Physical Education	½	Physical Education	½	Physical Education	½

* Students who elect the mechanical arts course and who are not interested in fulfilling the pre-engineering requirements should take Auto Mechanics in place of English in the first year and English in place of Mathematics in the second year. They may also take wood working in place of economics if they choose.

PART VIII

Departments of Instruction

EXPLANATION

This section contains a list of all courses of study offered in the College. The departments are arranged in alphabetical order after the Bible department.

The College reserves the right to withdraw temporarily any course which does not have an adequate enrollment. A course may not be offered for fewer than ten applicants except in case of seniors.

The four-quarter plan has been adopted by Walla Walla College to render larger service and allow for a greater vocational program where students may remain out of school a quarter to earn their expenses. It is more flexible than the semester plan and adds 12 weeks' instruction to the regular year.

Courses bearing numbers from 1 to 49 inclusive are normally offered to freshmen; those from 50 to 99 are normally offered to sophomores; those from 100 to 199 to juniors and seniors.

Two or three numbers connected with hyphens indicate a course which ordinarily carries credit only when pursued for the full time. Only upon the permission of the instructor may credit be obtained by a student for a single quarter of study in such a hyphenated course.

The credit indicated in connection with each course is the "quarter credit," and one credit represents one hour of recitation a week for one quarter. The number of credits listed are for each quarter. Thus "Three credits; autumn, winter, spring; M. W. F., 11:25," means three credits each quarter, or a total of nine credits for the year, the class meeting Monday, Wednesday, Friday at the 11:25 a. m. period.

The descriptions of courses in each department include: (1) the number of the course as used in the College records; (2) the title of the course; (3) a brief statement of its subject matter and method; (4) number of quarter credits given; (5) quarter in which it is given (autumn, winter, spring); (6) the days and hour the class meets.

*Courses preceded by * are not given in 1944-1945.*

BIBLE

Mr. Hendershot, Mr. Burg, Mr. Robison, Mr. Lindsjo, Mr. Becroft, Mr. Welch

For general college students the following courses are recommended as fulfilling the Bible requirements:

(a) For freshmen who have had no Bible on the secondary level: Bible Survey; for freshmen who present units in Bible on the secondary level: Life and Teachings of Jesus; for prenursing freshmen: Daniel and Revelation.

(b) For sophomores: Fundamentals of Christian Belief. Students who have taken Bible Survey during their freshman year may select Life and Teachings of Jesus for their sophomore year.

(c) For students on the junior level: Daniel and Revelation or Hebrew Prophets.

(d) Senior students may select a suitable upper division Bible course, such as: 135-136, 137; 151, 152, 153; 161, 162, 163; or 185, 186, 187. However, in selecting a Bible course for the senior year, the general college Bible requirement may not be fulfilled with Homiletics or any course which the School of Theology may wish to limit to ministerial students.

Theology students are referred to the outline of studies for the Bachelor of Theology degree as shown on page 99.

1-2-3. *Bible Survey.* This course is a Bible introduction. Its aim is a fundamental knowledge of the contents and character of the books of the Bible. Beginning with a simple enumeration of Bible books and an introduction to methods and aims in Bible study, it will endeavor to present the background and circumstances of each book, and the persons through whom they were brought into existence. The groundwork will include a survey of the history of the Hebrew people from its beginnings, stressing especially the work of the prophets, while outlining essential Hebrew laws and institutions and filling out the picture with selections from Hebrew songs and wisdom books. Added to this, as its logical conclusion, is the growth of the New Testament, from the life of the Saviour through the preaching of the Gospel by his followers, in acts and in letters. Two credits; autumn, winter, spring; Sec. A, T. Th., 7:45; Sec. B, T. Th., 11:25.

4, 5, 6. *Life and Teaching of Jesus, Sections, A, B, C.* A study of the life of Christ as the Master Teacher and the heaven-born teachings of the One whose divine wisdom and practical application of the truth made His lessons both forceful and impressive and gave new meaning to the surroundings of every-day life. The principles of the Kingdom of God and of the acceptance of Christ. Lectures and assignments together with a study of the books, "Desire of Ages," "Christ Object Lessons," and "Thoughts from the Mount of Blessing." Two credits; autumn, winter, spring; Sec. A, T. Th., 10:30; Sec. B, T. Th. 8:40.

11, 12-13. *Daniel and Revelation.* This elementary course in the study of these two books is offered primarily for Pre-nursing students. Study will be given to the setting of both prophecies in the history of the time in which they were written and also the prophecies relating to world history, showing their fulfillment and application. Two credits; autumn, winter, spring; T. Th., 7:45.

51, 52, 53. *Fundamentals of Christian Belief.* An introductory course in the evidences and principles of Christianity, consisting of a study of the basic concepts of religious faith and practice, and comprehensive groundwork in the fundamental doctrines held by the Seventh-day Adventist denomination. Lectures, textbook assignments, and library work. Two credits; autumn, winter, spring; Sec. A, T. Th., 8:40; Sec. B, T. Th., 10:30.

82, 83. *Denominational History.* A survey of the history of the Seventh-day Adventist movement with attention to the administration of the denomination. A study of the Spirit of Prophecy in its relation to the

origin and progress of the church and its work; the Bible background for its manifestation and the relations of its writings to the Holy Scriptures; a limited topical study of the teachings of these writings. Lecture course, with reading requirements and theme work. Three credits; winter, spring; M. W. F., 7:45.

91-92-93. *Bible Workers' Evangelism.* This course is offered especially for young women taking the Bible Workers' Course. The art of personal evangelism will be studied, also the preparation of Bible studies and the work of the Bible instructor in connection with evangelistic efforts. Two credits; autumn, winter, spring; M. W., 11:25.

111, 112-113. *Daniel and Revelation.* An advanced course in the study of these books, noting particularly their symbolism and the intimate ways in which they are related to all Old Testament prophecy. A more extensive work is done in prophecies relating to world history, showing their fulfillments and applications. Research work is required. Special emphasis is placed upon the messages which these books have for the church and for our own lives. A good knowledge of history is presupposed. Lectures, discussions, collateral reading and themes. Two credits, autumn, winter spring; T. Th., 11:25.

*134-135, 136. *Hebrew Prophets.* A study of the major and minor prophets from the viewpoint that these things "were written for our admonition upon whom the ends of the world are come." Attention to the historical setting of the prophecies, with careful exegetical study of the text, emphasizing the fundamentals of the gospel as contained therein. Collateral reading, theme work. Three credits; autumn, winter, spring; M. W. F., 8:40.

141-142. *Homiletics 1.* A study of the work of the preacher and his preaching. Biblical topics will be organized for presentation, and outlines prepared. The work of the pastor, the evangelist, and the Bible worker will be discussed. Two credits; autumn, winter; T. Th., 9:35.

143. *Church Polity.* This course deals with the problems of organization and deliberative procedure in the Seventh-day Adventist denomination. It is a study of the principles of church organization, their divine origin, and their application to present conditions. The course includes a careful and detailed study of the organization of churches and conferences with all their departments, their operation and their interrelationship. Two credits; spring; T. Th., 9:35.

141A-142A-143A. *Field Work Seminar I.* An introduction to the practical work of the gospel minister. Students are assigned in small groups to various nearby churches, where they gain experiences in performing ministerial work, in preaching, and in leading church members into more active lines of Christian service. This is the field work assignment for class No. 141-142, 143. One credit; autumn, winter, spring; time to be arranged.

151. *Archaeology and the Bible.* A study of the service which archaeology has rendered to the Bible. This will include a presentation of archaeological methods, a survey of excavations in Bible lands, and the results obtained in the decipherment of ancient languages, in information for the history and culture of Bible times, and in understanding of customs and habits. Specific attention is given to facts significant for the Bible

*Not offered in 1944-1945.

student; how the Bible has been illuminated, clarified, and confirmed by ever increasing discoveries. Lectures, pictures, topical studies, collateral reading. Three credits; autumn; M. W. F., 8:40.

152. *Bible Manuscripts and Translations.* A study of the history of the principal manuscripts and ancient versions of the Bible. The course consists of a survey of the ever widening spread of the Bible book from the most ancient versions to the numerous translations produced by modern world wide mission. In addition to an elementary study of the formation of the Old and New Testament canon particular attention is given to the making of the English Bible and to the most recent work on Biblical languages and manuscripts. Three credits; winter; M. W. F., 8:40.

153. *World religions.* A short study of the greater religions of mankind. Consideration is given to the historical setting out of which these religions arose; their founders, their basic teachings and rituals, their conceptions of God and man. With this included discussions of similarities and contrasts to the Christian faith, as well as present-day conditions which are of value in the study of missions. Three credits: spring M. W. F., 8:40.

161-162-163. *Systematic Theology.* More extensive study of essential Christian doctrines with emphasis upon Bible doctrines especially valuable to the Christian believer. Subjects stressed are: attributes of God, the Trinity, sin, the law, the two natures of Christ, union with Christ, conversion, justification, sanctification, Christ's church, baptism, the Lord's supper, eschatology, the second advent, and the earth restored. During the spring quarter special studies and lectures on the Atonement and the Sanctuary will be given. Text book assignments, collateral reading, lectures and discussions. Three credits; autumn, winter, spring; M. W. F., 11:25.

174, 175, 176. *Advanced Teachings of Jesus.* An analysis is made of the teachings of Jesus. These are studied from the viewpoint of their application to our present-day conditions and needs and to the everyday experiences and problems of Christian living. Christianity as the greatest of all philosophies is analyzed in the light on ancient and modern times. Some time is devoted to research in the volumes of the Spirit of Prophecy. Andreason's "Faith of Jesus," and White's "Desire of Ages" are studied. Reports and notebooks are required. Two credits; autumn, winter, spring; M. W. 10:30.

181, 182, 183. *Homiletics II.* Advanced study in the art of preaching, aiming at some proficiency in Bible exegesis and evangelism. Detailed attention will be given to the various phases of evangelistic work and the problems which confront an evangelist. Guidance will be given in methods of evangelistic advertising, the conducting of public efforts, church organization, and pastoral work. This course is definitely planned for young men who desire to make the gospel ministry their vocation. Three credits; autumn, winter, spring; M. W. F., 10:30.

181A-182A-183A. *Field Work Seminar II.* An introduction to the practical work of the Christian evangelist. Students are assigned in small groups to conduct gospel efforts in nearby towns and cities, so that they may learn successful methods of bringing men and women to a knowledge of the good news about Jesus Christ and His soon coming. This is the field work assignments for class No. 181, 182, 183. One credit; autumn, winter, spring.

184, 185, 186. *New Testament Epistles.* An exegetical study of the epistles of the New Testament, attention being given in each case to the time, circumstances, and the place of writing. Special prominence is given to the books of Romans, Galatians, James, and Hebrews, stressing the fundamental gospel doctrines of these epistles. Such others of the New Testament books, or portions of them, which especially deal with fundamentals, will be studied. Lectures, library assignments, and theme work. Two credits; autumn, winter, spring; T. Th., 8:40.

194, 195, 196. *Methods of Research in Bible and Religion.* Consideration of approach, definition of problem, search and use of sources, note taking technique, analysis and synthesis, style and form of presentation, in Biblical and religious research. Some attention is given to problems posed by modern critical scholarship and humanistic philosophies, the temptations of scholasticism and the dominance of present-day methods of empirical sciences. One credit; autumn, winter, spring; time arranged.

*197-198-199. *Methods of Bible Teaching.* A study of the principles of Bible instruction, particularly in teaching as applied to Bible subjects as usually given in the preparatory curriculum. This course is essential for students who wish to obtain denominational teacher's certification in Bible subjects. One credit; autumn, winter, spring; time to be arranged.

ART

Mrs. Miller

1, 2, 3. *Art.* Classes in oil, water color, and pastel are offered, in which are taken up the study of color and color combination. "The world is not seen in grays, and an exquisite source of pleasure is to be taken in the arrangement and varieties of colors which it offers." One or two credits; autumn, winter, spring; M. T. W. Th., 8:40; M. T. W. Th., 10:30; T., 1:00-3:00; W., 1:00-3:00.

4, 5, 6. *China Painting.* Experience in china painting and a knowledge of the various kinds and makes of china; original designs developed. A knowledge of china painting and the composition of china ware is of value to the student in assisting him to discriminate between good and inferior in the commercial world. China painting develops originality, neatness, and carefulness. One credit; autumn, winter, spring; W., 1:00-4:00.

11, 12, 13. *Lettering.* Formation of certain broad principles on which the student may work, both in regard to the making of letters and their application to practical use. A brief history of letters and their classification is included in the course. With the fundamental principles learned it will be found easy to make many modifications and the possibilities are as unlimited as in any art. One-half credit; autumn, winter, spring; T. Th., 9:35; or T. Th., 11:25.

*14, 15, 16. *History of Art.* Lectures and study on history of art will consist of the following: Egyptian art and design; Grecian art; Roman art and appreciation; French and English Gothic architecture and sculpture. The course presents the work of some of the most notable modern painters and designers. One-half credit; autumn, winter, spring; W., 11:25.

21, 22, 23. *Chalk and Felt Illustrating.* Intended primarily for use in illustrating sacred songs and readings. Especially valuable to teacher-training and theological students. One-half to one hour credit; autumn, winter, spring; hours listed for art 1, 2, 3.

*Not offered in 1944-1945.

BIBLICAL LANGUAGES

Mr. Lindsjo

For a major in Biblical Languages 48 credits are required of which 21-24 credits must be upper division work including Methods of Research, courses 194-196 in Bible department.

For a minor in Biblical languages 30 credits are required, of which 9 credits must be upper division work.

Students who have completed the minimum requirement of Greek in the School of Theology may become eligible for a major by completing specified upper division courses in either Greek or Hebrew.

I. GREEK

1-2-3. *Greek I.* A beginning study of the New Testament in Greek. This course will give the fundamentals of the Greek language, but its chief purpose is the reading of the New Testament as the source book of the Christian faith. Its first aims are therefore to create an interest and establish a certain ability in approaching the New Testament in its original language. Readings of selected portions, mainly from the Gospel of John; introduction to aids and methods, grammar study, beginnings of exegesis; assignments and work shop. Four credits; autumn, winter, spring; M.-F., 10:30.

51, 52, 53. *Greek II.* More extensive readings: Revelation, I John, complete; Luke, Acts, Ephesians in part. The emphasis is on exegesis and interpretation, particularly with a view of usefulness for ministers and teachers. A great deal of the interest of the course will be given to introduction to the cultural and religious backgrounds and environments of the language of the New Testament, in order to make words and expressions live with the life out of which they were borne. Problems and texts of special interest will be studied in class. Four credits; autumn, winter, spring; M. W. F., 11:25 and three hours workshop arranged.

†111, 112, 113. *Pauline Epistles (Greek).* Reading and exegesis of Pauline epistles. This course will include greater insight into the Hebrew background of history and law-making, and into the cultural and religious atmosphere of the first century, out of which the great apostle Paul was called. Topical studies of significant items; an introduction to the problems of textual investigation of manuscripts. Three credits; autumn, winter, spring. T. Th., and three hours workshop.

II. HEBREW

†131-132-133. *Hebrew I.* Reading of selected portions of the Old Testament in Hebrew with the study of the elements of the Hebrew grammar. Introduction to methods and aids for a fruitful use of the Hebrew in Bible study. Four credits; autumn, winter, spring.

*134-135-136. *Hebrew II.* More extensive reading in the Hebrew historical books and selected portions from the Prophets and the Psalms. Greater sureness in the grammar, study of the syntax. Three credits; autumn, winter, spring.

*Not offered in 1944-1945.

†Will be offered if there is sufficient call.

III. LATIN

*101-102-103. *Ecclesiastical Latin*. Selections from the religious literature of the Middle Ages. Three credits; to be arranged.

BIOLOGY

Mr. Booth, Miss Emery

Requirements for a major in biological science:

(1) A minimum of 45 credits, 25 of which must be upper division;
(2) Courses 1, 2, 3, 6 or 106, 158, 194, 195, 196 are required of all majors.

1. *Elementary Zoology*. A study of the principles of zoology including anatomy, physiology, cytology, histology, genetics and embryology. Three hours attendance, four hours laboratory. Four credits; autumn; Sec. A, M. W. F., 7:45; Sec. B, M. W. F., 8:40.

2. *Elementary Zoology*. A general survey of the entire animal kingdom from the protozoa to the vertebrates. Three hours attendance, four hours laboratory. Four credits; winter; Sec. A, M. W. F., 7:45; Sec. B, M. W. F., 8:40.

3. *Elementary Botany*. A general survey of the plant kingdom with emphasis on morphology, life histories, and development. Three hours attendance, four hours laboratory. Four credits; spring; Sec. A, M. W. F., 7:45; Sec. B, M. W. F., 8:40.

5. *Field Zoology*. A field laboratory course which must be taken in connection with course No. 2. This is required of all teacher training students. Four hours laboratory; one credit; Winter; Th., 1:00-5:00.

6. *Field Botany*. A field course concerned entirely with the identification of native plants. Four hours attendance. One credit; spring; Th., 1:00 to 5:00. (Note: This course may be taken at the same time as course No. 3. It is required for all teacher training students.)

14-15-16. *Anatomy and Physiology*. A course open only to pre-nursing and pre-dietetic students. A general survey course in which anatomy and physiology are given equal emphasis. Three hours attendance, two hours laboratory. Three credits; autumn, winter, spring; M. W. F., 7:45.

22-23. *Microbiology*. The nature of bacteria and disease-producing organisms with their life habits and methods of reproduction. The relation of these organisms to disease in the human body. Two hours attendance, four hours laboratory. Three credits; winter, spring; M. W., 10:30.

61. *Mammalian Anatomy*. A laboratory course on the dissection of the cat. Four hours attendance. One credit; autumn; to be arranged.

*102-103. *College Physiology*. A survey of physiology with a background of anatomy. Prerequisite: courses 1, 2 or 14-15-16. Two hours attendance, four hours laboratory. Three credits; winter, spring; T. Th., 8:40.

*106. *Taxonomy of Plants*. Principles of classification of plants with emphasis on the Spermatophytes. Two hours attendance, eight hours laboratory. Four credits; spring; T. Th., 10:30.

114. *Vertebrate Embryology*. A detailed study of the embryology of the frog, chick, and pig, with emphasis on their relation to human embryology. Prerequisite: course 1-2. Two hours attendance, four hours laboratory. Three credits; autumn; M. W., 10:30.

*Not offered in 1944-1945.

122. *Microscopical Technique.* A course designed to cover the most important methods of technique in making microscopic slide preparations of plant or animal tissues. One hour attendance, eight hours laboratory. Three credits; winter; M. 1:00.

*133. *Invertebrate Zoology.* A systematic study of marine, freshwater invertebrates, and insects. Prerequisite: course 1-2. Two hours attendance, eight hours laboratory. Four credits; spring; T. Th., 11:25.

*151. *Sanitary Bacteriology.* Fundamental public health bacteriological procedures on foods, water, milk, blood, etc. Prerequisites, courses 22-23. Two hours attendance, two four-hour laboratories. Four credits; autumn; T. Th., 11:25.

153. *Vertebrate Zoology.* A systematic study of amphibians, reptiles, and birds, with emphasis on taxonomy and geographical distribution. Prerequisite: courses 1-2. Two hours attendance, eight hours laboratory. Four credits; spring; T. Th., 10:30.

157. *Vertebrate Zoology.* A systematic study of mammals with emphasis on taxonomy and geographical distribution. Prerequisite: courses 1-2. Two hours attendance, eight hours laboratory. Four credits; autumn; T. Th., 10:30.

*158. *Genetics.* A study of the principles of heredity in plants and animals with emphasis on the aspect of special creation as opposed to organic evolution. Prerequisite: course 1-2. Three credits; winter; M. W. F., 7:45.

*175. *Field Ecology.* Given in connection with the Field Nature School. At least three weeks are spent in the field study of selected areas in the Northwest. Members of the school camp at various study localities. The time varies but the usual time for the school is during July or August. Two to four credits; summer.

*178-179. *Parasitology.* A systematic study of the morphology, life cycle, and the medical aspects of the protozoon, arthropod, and worm parasites of the vertebrates with more emphasis on human parasitology. Prerequisite: courses 1-2. Two hours attendance, four hours laboratory. Three credits; winter, spring; T. Th., 8:40.

194. *History of Biology.* A survey of the history of biological work from the Greek period to the present. Two hours attendance. Two credits; autumn; T. Th., 7:45.

195-196. *Seminar.* A study of the current biological literature, and the teaching of biology with practical experience in teaching. Two hours attendance. Two credits; winter, spring; T. Th., 7:45.

199. *Special Problems.* Individual work to be carried on under the supervision of the instructor. Time and credit to be arranged.

NURSING EDUCATION AND HEALTH

14, 15, 16. *Health Principles.* A study of the healthy, wholesome personality including the underlying principles governing the harmonious development of the human body. It includes our denominational health principles, and stresses both personal and community health. Three credits; autumn; Sec. A, M. W. F., 8:40; Sec. B, M. W. F., 10:30; winter; Sec. C, M. W. F., 8:40; Sec. D, M. W. F., 1:00; spring; M. W. F., 8:40.

21-22-23. *History of Nursing.* A survey course in nursing history, following the trends which have led to the present-day developments

*Not offered in 1944-1945.

based on world history, denominational history, and the status of women down through the ages. Stress is laid upon the present trends in nursing history. Autumn; two credits; T. Th., 10:30; winter; one credit; T. 10:30; spring; two credits; T. Th., 10:30.

121. *Methods in Nursing Education.* A study is made of methods and principles of teaching with application to situations found in Schools of Nursing in classroom, in the ward and in the laboratory. Consideration is given to ward methods and planning of integrated theoretical, practical and clinical programs. Three credits; autumn; T. 9:35 and 11:25; Th., 9:35.

122. *Health Administration.* A study is made of the administration of health programs in elementary schools, secondary schools and colleges. Participation in health activities is included. Three credits; winter; T., 9:35 and 11:25; Th., 9:35.

123. *Supervision in Schools of Nursing.* Consideration of the principles underlying successful supervision, the qualifications and functions of the supervisor and head nurse, with special emphasis on newer methods of ward teaching. Three credits; spring; T., 9:35 and 11:25; Th., 9:35.

124, 125, 126. *Seminar in Nursing Education.* Problems and trends in nursing education are discussed. A study is made of principles and methods in thesis writing with presentation of some topic in thesis form. One credit; autumn, winter, spring; Th., 11:25.

BUSINESS ADMINISTRATION SECRETARIAL SCIENCE

Mr. Cubley, Miss Walker

Requirements for the major in Business Administration:

Prerequisite: College entrance requirements and one credit in elementary bookkeeping.

LOWER DIVISION COURSES:

Business Economics. Nine credits.

Typewriting. Three credits.

Principles of Accounting. Nine credits.

Business Behaviour. Two credits.

Business Law. Six credits.

Business Correspondence. Two credits.

Intermediate Accounting. Six credits.

Lettering. One and one-half credits.

Medical Cadet. Four and one-half credits.

Speech. Six credits.

UPPER DIVISION COURSES:

A total of 24 credits in courses numbered 100 or above. (Note: All women who major in Business Administration are required to minor in Secretarial Science.)

Requirements for a minor in Business Administration:

LOWER DIVISION COURSES:

(A) Required Courses:

Business Economics. Nine credits.

Principles of Accounting. Nine credits.

(B) Elective Courses (Choose six credits):

Business Law. Six credits.*Intermediate Accounting.* Six credits.

(Secretarial Science majors fulfill this group by completion of the Business Law required in their major.)

UPPER DIVISION COURSES:

(A) Elective Courses (Choose 10 credits):

Advertising. Nine credits.*Cost Accounting.* Three credits.*Budgets.* Three credits.*Denominational Accounting Systems.* Three credits.*Methods in Teaching Bookkeeping.* One credit.

Requirements for the major in Secretarial Science:

Prerequisite: College entrance requirements and one unit in elementary bookkeeping.

LOWER DIVISION COURSES:

Shorthand. Fifteen credits.*Business Behavior.* Two credits.*Business Correspondence.* Two credits.*Typewriting.* Three credits. (Above the freshman level.)*Business Law.* Four credits.*News Writing.* Six credits.*Lettering.* One and one-half credits.

UPPER DIVISION COURSES:

Business Machines. Two credits.*Secretarial work.* Six credits.*Advanced Dictation.* Six credits.*Methods in Teaching.* Two credits.*Major Research.* Three credits.

(Note: All Secretarial Science majors are required to minor in Business Administration.)

Requirements for a minor in Secretarial Science:

Shorthand I. Nine credits.*Advanced Shorthand.* Six credits.*Advanced Typing.* Three credits.*Secretarial Work.* Six credits.*Business Law.* Four credits.*Methods in Teaching.* Two credits.

Students graduating from commercial high school and having met the requirements for Shorthand I, will add advanced dictation to the above requirements.

1-2-3. *Business Economics.* General principles of economics and their application to our present industrial organization and social life. A study of the factors of production; organization of marketing and transportation; principles of money and banking; distribution of wealth; taxation; and problems of labor. Three credits; autumn, winter, spring; M. W. F., 10:30.

11-12-13. *Typewriting.* Theory and practice of touch typing; frequency drills; rhythm drills; business letter forms; tabulating; manifolding; statement work; figures; speed practice. Speed requirement for three credits: 50 words per minute. Three class periods per week; two laboratory periods per week. One credit; autumn, winter, spring; M. W. F., 8:40.

11A. *Special Typewriting I.* A refresher course designed to enable business majors to meet the graduation requirement of 50 words per minute and to enable secretarial majors to meet the required entrance speed for advanced typewriting. Speed requirement: 50 words per minute. Prerequisite speed: 35 words per minute. One credit; autumn; T. Th., 10:30.

14-15-16. *Principles of Accounting.* Introduction to accounting; books of original entry; ledgers; statements of condition and of operations; controlling accounts. Sole proprietorships and partnerships. Prerequisite: One unit of bookkeeping. Three credits; autumn, winter, spring; M. W. F., 7:45.

21-22-23. *Shorthand.* Theory of Gregg shorthand; practical application of theory in dictation; developing speed in writing, reading, and transcribing. Typing 11-12-13 must be taken concurrently with this course unless the student has had the equivalent. Speed requirement: 100 words per minute with satisfactory transcription. Three credits; autumn, winter, spring; M.-F., 7:45.

51-52-53. *Advanced Shorthand.* Advanced application of principles and phrases of Gregg shorthand; dictation and transcripts covering vocabularies of representative businesses; legal forms, civil service and denominational dictation. Prerequisites: courses 21-22-23 or equivalent. Speed requirements: 120 words a minute with satisfactory transcription. Two credits; autumn, winter, spring; M. W. F., 10:30.

54. *Business Correspondence.* A course in English organized primarily for students preparing for a business career. Emphasis on business letters. Prerequisite: English 1-2-3. Two credits; autumn; T. Th., 9:35.

58. *Salesmanship.* Personality development for success in life and in the sale of goods and services. The correct approach, presentation, and closing technique; a study of buying motives, methods for meeting arguments, and of the particular problems of specialty salesmen. Emphasis on selling gospel literature. Two credits; winter; T. Th., 9:35.

59. *Business Behavior.* A course in personal development, general business ethics, and office presence, designed to impress the student with the importance of this phase of his college education and to acquaint him with its basic principles. A study of the fundamentals of filing is included in this course during the last half of the quarter. Two credits; spring; T. Th., 9:35.

*61, 62, 63. *Business Law.* Fundamentals of law which affect business transactions. Emphasis on contracts and negotiable instruments. Two credits; autumn, winter, spring; T. Th., 11:25.

71-72-73. *Intermediate Accounting.* A continuation of B. A. 14-15-16. Corporation accounting; consignments; installment sales; tangible and intangible fixed assets; analysis of statements. Prerequisite: B. A. 14-15-16. Two credits; autumn, winter, spring; T. Th., 8:40.

77-78-79. *Advanced Typewriting.* A continuation of typewriting 11-12-13. Emphasis placed upon increase of speed, accuracy, and skill. Entrance requirements: student must establish a net speed of 40 words in three consecutive daily tests. These entrance tests will be given at the close of the second week in the autumn quarter. Speed requirement for

*Not offered in 1944-1945.

three credits: 65 words per minute based upon international rules. Three class periods; two laboratory periods per week. One credit; autumn, winter, spring; M. W. F., 11:25.

81. *Denominational Accounting*. A beginning course in accounting principles with special application to denominational offices; balance sheets, profit and loss statements, and comparative statements; financial stewardship in church business. This course is open to theology majors. (See School of Theology curriculum.) Three credits; autumn; M. W. F. 8:40.

103. *Business Machines*. Theory and practice pertaining to office machines; machine accounting; calculating machines. Class and laboratory work. Prerequisite: B. A. 14-15-16. Fee: \$3.00. Two credits; spring; T. Th., 10:30.

*104-105-106. *Secretarial Work*. Training in general office procedure; practical use of modern office appliances. Training in secretarial duties; secretarial ethics. Prerequisite: B. A. 53 and B. A. 79. Class two hours; three hours laboratory per week. Two credits; autumn, winter, spring; T. Th., 9:35.

114-115-116. *Advanced Dictation*. Vocabulary study; advance phrase writing; speed dictation and transcription. Prerequisite: courses 51-52-53 or equivalent. Speed requirement: 140 words a minute with a satisfactory transcription. Two credits; autumn, winter, spring; time to be arranged.

*151-152-153. *Advertising*. Creating demand; psychology, science, and art of advertising; national advertising; media; copy; typography; laboratory problems in school publication and evangelistic advertising. Three credits; autumn, winter, spring; M. W. F., 11:25.

161. *Cost Accounting*. Theory and practice in keeping cost records for manufacturing concerns. Unit or job cost systems only. Prerequisite: B. A. 71-72-73 or consent of head of business department. Three credits; autumn; M. W. F., 11:25.

162. *Budgets*. Theory of planning future business activities. Budgets as a means of forecasting; budgetary control; flexibility in budgeting. Prerequisite: B. A. 71-72-73 or consent of head of business department. Three credits; winter. M. W. F., 11:25.

163. *Denominational Accounting Systems*. Accounting systems and office procedures in Seventh-day Adventist institutions, conference offices, book and Bible houses. Prerequisite: B. A. 71-72-73 or consent of head of business department. Three credits; spring; M. W. F., 11:25.

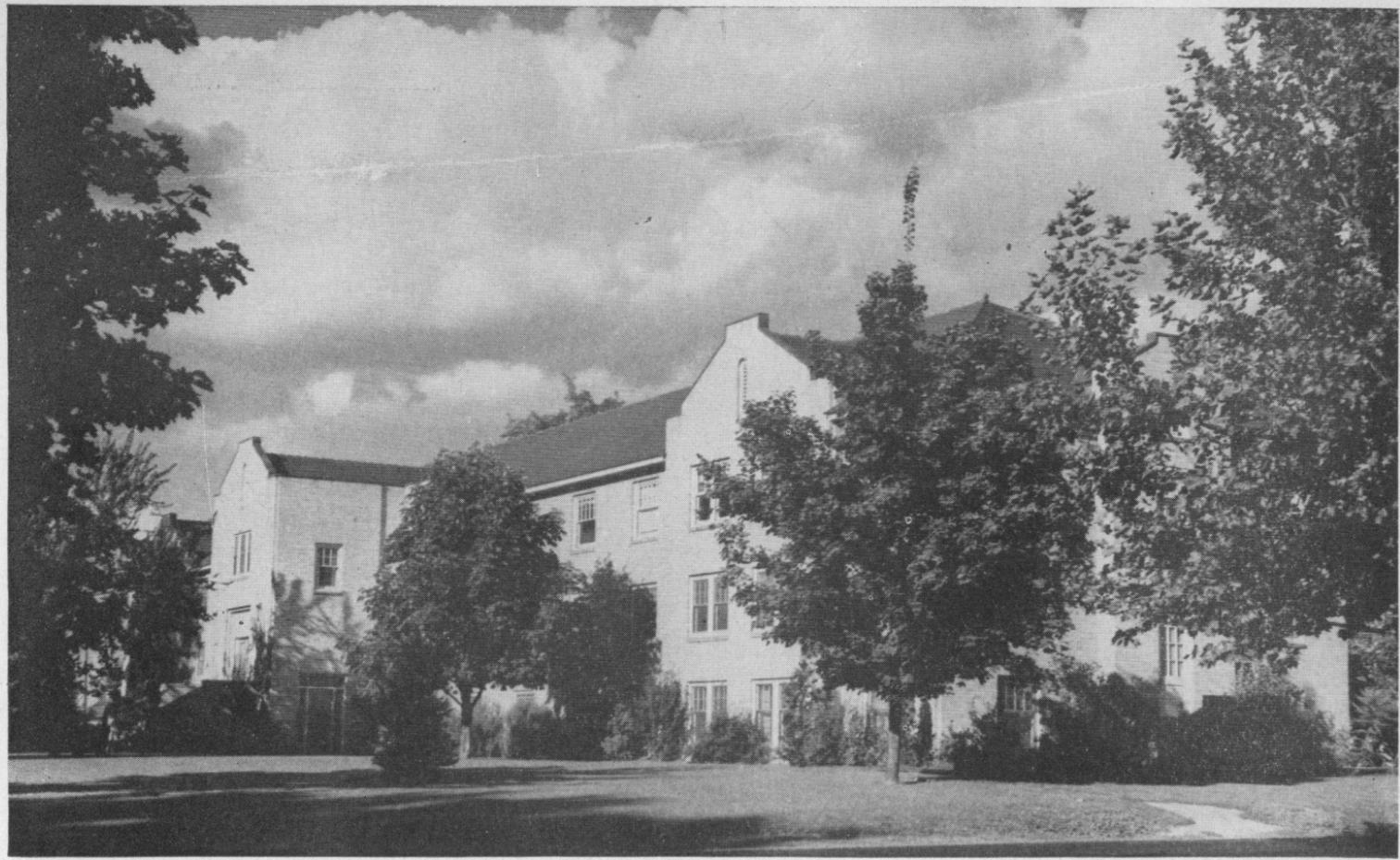
171. *Major Research*. Individual problems in research; both directed and independent reading in fields of interest to business and secretarial majors. Open only to advanced students. Two to six credits. Time to be arranged.

191. *Methods in Teaching Bookkeeping in the Secondary Schools*. This course is required of all majors. One credit; autumn; M., 1:00.

192. *Methods in Teaching Typing in the Secondary Schools*. This course is required of all majors. One credit; winter; M., 1:00.

193. *Methods in Teaching Shorthand in the Secondary Schools*. This course is required of all majors in secretarial science. One credit; spring; M., 1:00.

*Not offered in 1944-1945.



CHEMISTRY

Mr. Henning, Mr. Bowers

Requirements for a major in chemistry:

(a) Credits must be presented in each field of chemistry as follows:

General inorganic chemistry	12 credits
Organic chemistry	15 credits
Qualitative	6 credits
Quantitative	9 credits
Physical chemistry	10 credits

(b) A minimum of 24 upper division credits must be presented.

(c) Minor fields should be in mathematics, physics, or biology. A double minor is recommended. Special permission from the major professor must be obtained for any other minor.

1. Mathematics should be elected in the freshman year.
2. Physics should be elected in the sophomore year.

Requirements for a minor in chemistry:

(a) Courses 2-3 and 51-52-53 are required.

(b) A minimum of 27 hours is required including three

hours of upper division courses.

1-2-3. *General Chemistry.* A systematic study of typical metals and non-metals together with a survey of all the elements. Emphasis is placed on fundamental principles and theories. Five hours attendance. Three credits; autumn, winter, spring; M. W. F., 7:45.

1A-2A-3A. *General Chemistry Laboratory.* This course accompanies chemistry 1-2-3. It includes typical laboratory preparations and elementary experiments. During the third quarter metal analysis is begun. Four hours attendance. One credit; autumn, winter, spring.

4-5-6. *Pre-nursing Chemistry.* This course is a study of the principles and applications of chemistry which are valuable for the nursing profession. No attempt is made to survey the whole field of chemistry. This course does not fulfill the physical science requirement for a degree. Two or three hours attendance. Two credits; autumn, winter, spring; T. Th., 8:40.

4A-5A-6A. *Pre-Nursing Chemistry Laboratory.* This course accompanies chemistry 4-5-6. The laboratory experiments include typical inorganic, organic, and biochemical preparations and properties. Three hours laboratory. One credit; autumn, winter, spring.

7. *Survey of Physical Science.* This course is designed to furnish a brief outline of the fields of Chemistry, Physics, Earth and Astral sciences. Does not count toward a major or minor. Four credits; autumn; M.-F., 7.45.

51-52-53. *Elementary Organic Chemistry.* A study of the preparation, reactions, and constitutions of the aliphatic and aromatic compounds of

carbon. Prerequisite: Chemistry 3. Two hours attendance. Two credits; autumn, winter, spring; T. Th., 7:45.

51A-52A-53A. *Experimental Organic Chemistry.* A laboratory course to accompany chemistry 51-52-53. The work includes the application of laboratory principles and procedures as well as the preparation of a large number of typical compounds. One 4-hour period per week. One credit; autumn, winter, spring.

62, 63. *Elementary Analysis.* This course outlines the general principles underlying qualitative and quantitative analysis of the anions and cations. Emphasis is also placed on chemical arithmetic. Prerequisite: Chemistry 3. Four hours attendance. Two credits; winter, spring; T. Th., 10:30.

62A, 63A. *Analytical Laboratory.* The characteristic reactions of the anions are studied in detail. The analysis of unknowns is a required part of the course and helps to train the student in systematic and individual analysis. Eight hours laboratory. One credit; winter, spring.

*103. *Qualitative Analysis.* A study of the tests and methods employed in qualitative analysis, and analysis of liquid and solid unknowns. Prerequisite: Chemistry 62. Eight hours laboratory. One hour attendance. Three credits; spring; hours to be arranged.

*111, 112. *Quantitative Analysis.* This course includes the study of typical gravimetric and volumetric methods, and the practical examination of ores and commercial products. Prerequisite: course 63. Eight hours laboratory and one hour Seminar. Three credits; autumn, winter; hours to be arranged.

*151-152. *Physical Chemistry.* An introductory course in theoretical and electrochemistry. Prerequisite: Physics 53, Chemistry 62, and Mathematics 53. Three hours attendance. Three credits; autumn, winter; M. W. F., 11:25.

*151A-152A. *Practical Physical Chemistry.* This course provides a series of experiments covering the fundamental topics of theoretical chemistry. Experiments involve the various physical properties of matter and their constants. The latter part of the course deals with electrochemistry. Eight hours laboratory; two credits; autumn, winter.

*161. *Aliphatic Series.* An advanced course covering the open chain compounds of carbon in which a critical study is made of the structure, preparation and properties of the aliphatic compounds. Prerequisite: Chemistry 53. Two hours attendance. Two credits; autumn; time to be arranged.

*161A. *Aliphatic Laboratory.* A study of the laboratory procedures and preparation of a series of straight chain carbon compounds. Four hours; one credit; autumn; time to be arranged.

*162. *Aromatic Series.* An advanced course covering the benzene series and related compounds. A detailed study is made of the structure of benzene together with a consideration of orientation in the benzene nucleus. Prerequisite: Chemistry 53. Two hours attendance. Two credits; winter; time to be arranged.

*162A. *Aromatic Laboratory.* This course includes the actual preparation of several typical compounds together with a study of their preparations and uses. Four hours; one credit; winter; time to be arranged.

*Not offered in 1944-1945.

*197, 198, 199. *Teachers' Special Methods in Chemistry.* Methods in teaching and in the conduct of the laboratory. The objectives in classroom, as well as in laboratory teaching are discussed and practice in both is undertaken. Open to those who select a major in chemistry. Two credits; autumn, winter, spring; time to be arranged.

EDUCATION

Mr. Henning, Miss Searle, Miss Foreman, Mr. Gernet

1. *Introduction to Education.* A study of school practice and management dealing especially with types of lessons, organization and the functions and principles of education. Two credits; autumn; T. Th., 8:40.

54, 56. *Principles of Education.* A study of the underlying principles of Christian education. Three credits; autumn, Sec. A, M. W. F., 10:30; Spring; Sec. B, M. W. F., 2:00.

57-58. *Psychology.* This course surveys the scientific bases of psychological investigation. It serves as a basis for further courses in education and an introduction to the field of psychology. The second quarter emphasizes the application of psychological principles to the art of teaching. Three credits; autumn, winter; M. W. F., 2:00.

63. *Principles of Geography.* A general knowledge of the field of geography. The human, as well as the physical and commercial phases will be stressed. Five credits; spring; M. W. F., 11:25.

112. *Child Life and Problems.* A study of the most significant facts and principles of the mental and physical development of the child, together with the psychological laws that govern child behavior. Three credits; winter; M. W. F., 7:45.

116. *Philosophy of Education.* A study of the basic principles and development of true education resulting in the formulation of aims and objectives of education for Christian society. Three credits. Spring: M. W. F., 11:25.

*121. *Secondary Education.* The evolution, scope, and functions of secondary education, including the field of the junior high school, the junior college, denominational schools, and other educational agencies in relation to social needs; it presents particularly the purpose, objectives, and attainable goals for secondary schools, and the several curriculum offerings. Prerequisite: Junior standing. Three credits; autumn; M. W. F., 8:40.

123. *Secondary School Administration and Supervision.* A course which presupposes some familiarity with problems of administration and supervision. An intensive study of more important problems of constructive organization in secondary education and the improvement of school work. Prerequisite: Course 121 or the equivalent. Three credits; spring; M. W. F., 8:40.

129. *School Home Administration.* A course designed especially for those interested in school home work in boarding schools, covering the development, mission, and organization of school homes, with emphasis on the fostering of spiritual and cultural ideals and leadership, in the light of the educational standards of Seventh-day Adventists and the recent developments in the field of personnel work. Three credits; spring; to be arranged.

*Not offered in 1944-1945.

*131. *Psychology of Learning.* The course includes an analysis of the mechanisms involved in the learning process. The physiological and psycho-physical bases for functional learning are discussed, and the experimental evidence supporting psychological hypotheses are reviewed. Three credits; autumn; M. W. F., 7:45.

135. *Educational Tests and Measurements.* Designed to give the student a comprehensive view of the uses of standard tests and scales in elementary and secondary subjects, the value and limitation to the teacher and supervisor of these tests, and their statistical treatment. Opportunity will be provided for the application of the scales and studies. Prerequisite: Psychology. Fee: \$2:00. Three credits; winter; M. W. F., 11:25.

137. *Adolescent Life and Guidance.* Principles and methods involved in educational, vocational, and general guidance of the adolescent pupil. Special emphasis is given to the nature and behavior of adolescents leading to facility in understanding and teaching pupils at the secondary level. Prerequisite: General and Educational Psychology. Three credits; autumn; M. W. F., 11:25.

*143. *The Secondary School Curriculum.* The relation of curricular materials to educational outcomes in terms of personal and social values. A brief review of curriculum investigations and their significance in the selection and evaluation of secondary school materials and activities. Current practices in curriculum revision. Prerequisite: General or Educational Psychology and course 121. Two credits; spring; T. Th., 7:45

ELEMENTARY TEACHER TRAINING

Miss Searle, Miss Rue

11, 13. *Industrial Arts.* Covering the teaching in the grades of elementary woodwork, home economics, and agriculture. Five credits; autumn and spring; time to be arranged.

12. *Teaching of Art.* A course to prepare the teacher to direct activities in the schoolroom such as clay modeling, poster-making, art, lettering, crayola, pencil, watercolor, and blackboard drawing, crafts and appreciation. Three credits; winter; time to be arranged.

52. *Principles of Mathematics.* A background of information, with the methods which will enable the teacher to enrich the arithmetic work of all grades. Three credits; winter; M. W. F., 10:30.

71. *Teaching Techniques.* Objectives and modern methods in the teaching of reading. Five credits; autumn; M. W. F., 8:40.

72. *Teaching Techniques.* A course giving the teaching procedures in the related fields of the language arts, literature, grammar, spelling, and writing. Five credits; winter; M. W. F., 8:40.

73. *Teaching Techniques.* Materials, objectives, and methods used in teaching social studies in the grades. Chosen from the fields of geography, sacred and secular history, and civics. Five credits; spring; M. W. F., 8:40.

81, 82, 83. *Directed Teaching I.* Observation and teaching in the Training School. Problems of method, management, and testing of achievement are met and solved in practical classroom situation. Enrollment only with permission of the Director of the Training School. Prerequisite: Scholarship average of C. Two credits; autumn, winter, spring; M.-F. Time to be arranged for each student.

*Not offered in 1944-1945.

101, 102, 103. *Directed Teaching II.* Observation and teaching in the Training School. Each student is expected to take full charge of his class and is responsible for the progress of the child during his teaching time. Enrollment only with permission of the Director of the Training School. Prerequisite: Scholarship average of C. Time to be arranged for each student.

104. *Diagnostic and Remedial Teaching.* A study presenting modern techniques in the adaptation of instruction to individual differences. Case work and detailed diagnostic procedures in the elementary subjects will be emphasized. Three credits; autumn; M. W. F.; to be arranged.

SECONDARY TEACHER TRAINING

Mr. Henning, Miss Scott, Miss Shull, Mr. Peterson

131. *Techniques in Secondary Subjects.* This course is open to juniors who have definitely decided to go into denominational teaching. The purpose of the course is to develop a sound and practical understanding of the teaching experience and to assist the student in acquiring and evaluating effective procedures of instruction based upon the results of modern investigations. Two credits; autumn; T., 3:00-4:00.

162. *Observation and Directed Teaching.* The principles and practices of secondary teaching will be examined in the light of practical experience gained through observation and supervised participation in school activities. Actual school situations will be provided for laboratory purposes. Class discussions will be concerned with the problems common to all teaching situations. Prerequisite: Senior standing and 15 credits in Education. Three credits; winter; T., 3:00-4:00.

197L. *Special Methods in Language Arts and Literature.* Education and senior standing. Two credits; autumn; time to be arranged.

197M. *Special Methods in Mathematics and Physical Science.* (Same as 197L.)

197S. *Special Methods in Social Science.* (Same as 197L.)

SOCIOLOGY

Miss Foreman

*2. *Introduction to Sociology.* An elementary study of social organization, the nature of social relations, and the influences that shape society. Three credits; winter.

107. *Human Relations.* A general course designed to acquaint the student with the ethics of human relationships, of standards of community life, of the responsibilities of the cultured individual in society, and to provide a Christian perspective regarding the problems of marriage and home building. Three credits; autumn; to be arranged.

108. *Cultural Foundations.* A survey of the cultural heritage of the race of the best in music, art, ancient literature, and other appreciations. Competent guest lecturers will frequently appear before the class. Three credits; winter; to be arranged.

ENGLISH, JOURNALISM, AND SPEECH

Mr. Little, Mr. Lewis, Mr. Aplington

This department offers a major in English and minors in English, journalism, and speech. Except for the vocational

*Not offered in 1944-1945.

printing courses and Essentials of Speech, freshman courses do not apply on a major or minor.

The requirements for a major in English are:

DEPARTMENTAL	Credits
<i>Literary Elements</i> (51) (Sophomore)	3
<i>American Literature</i> (64-65-66) (Soph. or Junior)	6
<i>English Literature</i> (74, 75-76) (Soph.)	6-9
One writing course above the freshman level	6
<i>Historical Grammar and Linguistics</i> (166) [Prescribed for those seeking departmental recommendation as teachers	0-3
<i>Pro-Seminar</i> (197-198-199)	3
CHOOSE FROM FOLLOWING:	6-15
* <i>Old and Middle English</i> (101-102, 103)	
<i>English Renaissance Literature</i> (107-108, 109)	
<i>Neo-classic Literature</i> (117-118-119)	
<i>Dramatic Literature</i> (184, 185-186)	
<i>Western World Literature</i> (161, 162-163)	
CHOOSE FROM FOLLOWING:	3-12
<i>The Romantic Period</i> (121-122-123)	
<i>The Victorian Period</i> (124-125-126)	
<i>American Literary Masters</i> (137, 138, 139)	
<i>Literature of the English Bible</i> (152-153)	
<i>Twentieth Century Literature</i> (82)	

45

*English 102 is prerequisite to English 166 and 103.

EXTRA-DEPARTMENTAL

1. English history (required) and United States history (recommended)
2. A minor in a field with logical correlation, such as history, modern language, journalism, speech

A minor in English shall be made up of not less than 27 credits, 6 of these being in a writing course above the freshman level and the other 21 in a literature sequence that includes American and English literature surveys.

COMPOSITION

1-2-3. *Freshman Composition*. Fundamental principles of composition: syntax, effective sentence structure, punctuation, paragraph development, organization of material, writing the various types of themes, and reaction to a reading program. English 1 or 1A will be repeated in the winter, spring, or summer when the need is adequate. Three credits; autumn, winter, spring; M. W. F.; Sec. A, 1:00; Sec. B, 11:25; Sec. C, 11:25; Sec. D, 11:25.

1A-2-3. *Freshman Composition*. This course differs from the preceding one in that during the first quarter only it meets five times a week in order to accommodate those who need a review in fundamentals or extra attention to basic details. Three credits; autumn, winter, spring; M.-F., Sec. E, 10:30.

4-5-6. *Teachers' English*. This is a course in grammatical structure and first-year college composition. Enrollment is restricted to prospective elementary and grammar-grade teachers who achieve average standing or better in the Freshman Composition placement test. Credit is not allowed for this course and English 1-2-3 or 1A-2-3. Two credits; autumn, winter, spring; T. Th., 9:35.

84-85-86. *News Writing*. See Journalism 84-85-86. Two credits; autumn, winter, spring.

141-142-143. *Literary Composition*. A course for those who like to write and can do so with reasonable facility in such fields (according to the option and ability of the student) as the essay, the dissertation, formal argumentation, persuasion, pieces of imagination, vignettes, and poetry. Enrollment restricted. Two credits; autumn, winter, spring; T. Th., 5:00.

*144-145-146. *Advanced Journalistic Writing*. See Journalism 144-145-146. Two credits; autumn, winter, spring.

LITERATURE

51. *Literary Elements*. A study of the basic principles, the philosophy and nature of literary art, and the technical terminology together with an analysis of the various forms and types of poetry and prose. This is prerequisite to the literature classes unless the student shows that he has a working familiarity with the elements of literature. Three credits; autumn; M. W. F., 7:45.

64-65-66. *American Literature*. A survey of American literature with particular attention to the cultural complexes and philosophies that have characterized the various periods of literary history in this country. Two credits; autumn, winter, spring; T. Th., 8:40.

74, 75-76. *English Literature*. A chronological study of English literature with emphasis on the major writers and movements from Beowulf up to about 1900. Literature is correlated with the other fine arts at appropriate times through the course. Three credits; autumn, winter, spring; M. W. F., 8:40.

82. *Twentieth Century Literature*. Modern American and British literary achievements studied as a revelation of contemporary attitudes, ideals, and conducts. Three credits; winter; M. W. F., 8:40.

All courses on the junior-senior level have as prerequisites the appropriate lower-division preparation, which varies according to the course and literary preparation of the student in other languages and in history. Consult the department for directions.

101, 102-103. *Old and Middle English*. An examination and study in its historical setting of English literature from the earliest Anglo-Saxon remains up to about 1450. The Old English works are studied in translation and the Middle English, including Chaucer, largely in originals. Three credits; autumn, old English; winter, Chaucer; spring, Middle English other than Chaucer; M. W. F., 8:40.

*Not offered in 1944-1945.

107-108, 109. *English Renaissance Literature*. Detailed exploration in the significant non-dramatic literature that reflects the essential temper of the Renaissance period, with chief emphasis on Spenser, Bacon, and Milton. Three credits; autumn, 1540-1600; winter, 1600-1650; spring, Milton and the transition; M. W. F., 10:30.

*117, 118-119. *Restoration and Neo-classic Literature*. Neo-classic ideals and achievements as reflected in the chief writers of the time from Bunyan to Johnson. Two credits; autumn, winter, spring.

*121-122-123. *The Romantic Period*. An analytical examination of the emergence of Romantic ideals and their manifestation in literature, beginning with the pre-Romantic school and going to 1832. Two credits; autumn, winter, spring.

*124-125-126. *The Victorian Period*. An advanced study of the poetry and prose of the men who moulded and reflected characteristic opinion and ideals after the first third of the nineteenth century. Two credits; autumn, winter, spring.

137, 138. *American Literary Masters*. An advanced study of a restricted number of American writers who have given significant distinction to American letters. Two credits; autumn, winter; T. Th., 7:45.

*152-153. *Literature of the English Bible*. Detailed analysis of the technical requirements of Hebrew poetry and prose types, particularly stressing passages that reveal the peculiar literary genius and grandeur of the Bible. Two credits; winter, spring; M. W., 8:40.

*161, 162-163. *Western World Literature*. Broad outlines of literary history, literary criticism, and reading and examination of the more significant works in the history of human culture. Two credits; autumn, winter, spring.

*166. *Historical and Modern Grammar and Linguistics*. This study, designed for English majors and minors who intend to be teachers, includes a survey of linguistics and historical grammar, but the chief emphasis is on present-day grammar and its tendencies. Three credits; spring; M. W. F., 8:40.

*184, 185-186. *Dramatic Literature*. A carefully selected group of dramatic classics from Aeschylus to Ibsen, studied to reveal their literary values and cultural attitudes. About half the time is spent on Shakespeare. Three credits; autumn, winter, spring; M. W. F., 8:40.

197-198-199. *English Pro-seminar*. An integrating course required of English majors in the senior year and recommended to minors. The study includes: aims, methods, and materials of English scholarship; investigation of problems peculiar to the class personnel; group conferences and reports. One credit; autumn, winter, spring; W., 5:00.

JOURNALISM

The department offers a minor in journalism with adequate laboratory work on school publications, projects, and newspaper reporting. To qualify for a minor in this field the student must have a broad cultural course in general college studies, including among his prescribed and elective courses

*Not offered in 1944-1945.

American history, civil government, sociology or general economics, advertising, typewriting, and two courses in literature. A thorough mastery of English fundamentals is expected of all taking journalism courses.

11-12-13. *Printing I.* See Printing Department courses 1, 2, 3. Two credits; autumn, winter, spring.

17-18-19. *Printing II.* See Printing Department courses 7, 8, 9. Two credits; autumn, winter, spring.

84-85-86. *News Writing.* A practical course in gathering news, writing news stories, simple feature stories, and editorials. Copy editing and other desk exercises are designed to aid the student in developing skill in producing acceptable newspaper copy. Prerequisite: proficiency in English 1-2-3. Two credits; autumn, winter, spring; T. Th., 10:30.

131-132-133. *Copy-desk Editing.* This is a practice course for those who have done acceptable work in News Writing 84-85-86. The work involves laboratory projects in copy-editing, rewriting, head-writing, proof-reading, make-up, feature production, and office detail. One credit; autumn, winter, spring.

*138. *History and Ethics of Journalism.* History of Journalism from about 1620 down to the present time with parallel attention to the principles that guide the best newspapers. Three hours; winter.

*144-145-146. *Advanced Journalistic Writing.* An advanced course in writing such publication types as editorials, features, general magazine articles, book reviews, and critical discussions. Two credits; autumn, winter, spring; T. Th., 5:00.

*149. *Newspaper Problems.* A study of the policies and practices of the better weekly and small city newspapers as related to news content, editorials, advertising, circulation, costs. Part of the work will be in the form of research and observation in a newspaper plant of the type considered in the course. Three hours; spring.

SPEECH

A minor is offered in speech. Requirements: Twenty-seven credits, including Speech 1-2-3, and nine credits in the upper division.

The speech laboratory is equipped with a Universal Professional Recording machine upon which each student is required to make a record of his voice at regular intervals. Radio Production students have access to sound equipment in the specially constructed studio.

1-2-3. *Essentials of Speech.* A course in the fundamentals of speech with emphasis on the acquirement of ease before an audience, a conversational attitude, and reasonable facility in pronunciation, articulation, and voice production. Instruction in the use of a public address system is included. Open to freshmen. Two credits; autumn, winter, spring; Sec. A, T. Th., 9:35; Sec. B, T. Th., 10:30; Sec. C, T. Th., 8:40.

*Not offered in 1944-1945.

*51. *Parliamentary Procedure*. The theory and practice of parliamentary law, with much participation by all class members. Two credits; autumn; T. Th., 7:45.

*55. *Oral Reading*. A course in reading from the page with fluency and effectiveness; reading from the Bible; choral speaking. Two credits; winter; T. Th., 7:45.

*105. *Oral Interpretation*. Practice in memoriter reading and choral speaking. Prerequisite: four credits in speech. Two credits; winter; T. Th., 7:45.

*106. *American Oratory*. A study of masterpieces of oratory. Two credits; spring; T. Th., 7:45.

111-112. *Persuasive Speaking*. A study of the techniques of analysis and investigation; participation in group discussion for problem solution; organization of a persuasive campaign. Prerequisite: Speech 1-2-3. Three credits; autumn, winter; M. W. F., 7:45.

113. *Public Lecturing*. A course in the use of illustrative and demonstrative material as well as in the presentation of the straight platform speech of greater length. Prerequisite: Speech 1-2-3. Three credits; spring; M. W. F., 7:45.

151-152-153. *Radio Production*. Continued study of microphone technique, practice in announcing, and preparation and presentation of programs for broadcasting. Prerequisite: Speech 1-2-3. Two credits; autumn, winter, spring; one class and one laboratory appointment each week to be arranged. Membership limited.

197-198. *Methods in Teaching Speech*. Two credits; autumn, winter.

HISTORY

Mr. Westermeyer, Mr. Lindsjo

The minimum history requirement for a baccalaureate degree may be met by completing one of the following courses:

History of European Civilization (1, 2, 3)	9 credits
History of the United States (51, 52, 53)	9 credits

Requirements for a major in history include:

History of European Civilization (1, 2, 3)	9 credits
History of the United States (51, 52, 53)	9 credits
Seminar in History (198, 199)	2 credits
Upper-division courses in European history	6 credits
Upper-division courses in American history	6 credits
Elective courses in history	22 credits

Total required for a major in history	54 credits
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Requirements for a minor in history include:

History of European Civilization (1, 2, 3)	9 credits
History of the United States (51, 52, 53)	9 credits
Seminar in History (198, 199)	2 credits
Upper-division courses in history	9 credits

Total required for a minor in history	29 credits
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*Not offered in 1944-1945.

Additional regulations governing majors and minors in history are posted on the department bulletin board, and should be consulted by those concerned.

LOWER-DIVISION COURSES IN HISTORY

1, 2, 3. *History of European Civilization*. A survey of European history and its world relationships from the Roman Empire to the present. Three credits; autumn, winter, spring; M. W. F., 8:40.

51, 52, 53. *History of the United States*. A survey of the colonial period, followed by a more detailed study of the national period. Three credits; autumn, winter, spring; M. W. F., 11:25.

UPPER-DIVISION COURSES IN EUROPEAN HISTORY

[Prerequisite: *History of European Civilization* (1, 2, 3), nine credits.]

*101, 102, 103. *History of England*. The development and expansion of the English people from the earliest times to the present. Two credits; autumn, winter, spring.

*111, 112, 113. *History of the Ancient World*. The rise and decline of the ancient Near Eastern, Greek, and Roman civilizations with special attention to the cultural heritage which they have given. Added aims of the course are an overview of the background and milieu of the Hebrew people and a study of the soil out of which anciently came the principles of democratic institutions as well as Christianity itself. Three credits; autumn, winter, spring; M. W. F., 7:45.

114, 115, 116. *Church History*. A course tracing the development of organized Christianity and its influence upon the thought and life of the world. From the apostolic era to the modern age the varying progress of the church will be traced, with special emphasis upon the spiritual declension following the nominal conversion of Constantine; the great schism between the East and West; the rise and development of the papal supremacy; efforts at reform within the Catholic Church; the Reformation; the divisions within the Protestant movement; modernism and kindred tendencies in the churches today. Text book assignments, collateral reading, class room discussion. Three credits; autumn, winter, spring; M. W. F., 7:45.

*121, 122, 123. *History of the Middle Ages*. The European peoples and their institutions from the decline of the Roman Empire to the end of the fifteenth century. Three credits; autumn, winter, spring.

*131, 132, 133. *The Renaissance and the Reformation*. The rise and spread of the Renaissance movement, the Protestant Reformation, and the Catholic Counter-Reformation. Two credits; autumn, winter, spring; T. Th., 11:25.

*134, 135, 136. *The Era of the French Revolution*. The Old Regime, the French Revolution, and the Napoleonic period through the Congress of Vienna. Two credits; autumn, winter, spring.

141, 142, 143. *Europe Since 1815*. Political, economic, and social developments in nineteenth and twentieth century Europe, with special attention to our own times. Two credits; autumn, winter, spring; T. Th., 9:35.

*151, 152, 153. *Current History*. A study of contemporary national and international affairs, based upon an investigation into causal factors.

*Not offered in 1944-1945.

Current magazines, newspapers, and books are used. Two credits; autumn, winter, spring.

154, 155, 156. *History of Religion in Totalitarian States*. An analysis of religious forces operative today, with special emphasis on recent trends in Russia, Italy and Germany. Two credits; autumn, winter, spring; T. Th., 10:30.

UPPER-DIVISION COURSES IN AMERICAN HISTORY

[Prerequisite: *History of the United States* (51, 52, 53)), nine credits.]

*161, 162, 163. *The American Frontier*. The exploration, settlement, and development of the American west with consideration given to economic, social, cultural and political factors. Two credits; autumn, winter, spring.

*171, 172, 173. *Diplomatic History of the United States*. A study of relations between the United States and other nations, outstanding controversies and their settlement, and the development of recognized foreign policies. Two credits; autumn, winter, spring.

*181, 182, 183. *History of Religion in the United States*. An analysis of religious forces in the development of the United States, and their inter-relationships with social, cultural, economic and political forces. Two credits; autumn, winter, spring; T. Th., 10:30.

191, 192, 193. *History of Latin America*. A survey of the colonial period, followed by a more detailed study of the development of the individual Latin-American nations and their world relationships. Two credits; autumn, winter, spring; T. Th., 8:40.

RESTRICTED COURSES

(Open only to majors and minors in history.)

194, 195, 196. *Independent Study in History*. Open only by written permission of the head of the department to advanced students with a superior background in historical study. Readings, reports, and conferences. One or two credits; autumn, winter, spring; hours to be arranged.

197, 198. *Seminar in History*. A research course in problems connected with historical materials and methods. One credit; autumn, winter; T., 1:00.

HOME ECONOMICS

Miss Schluntz, Mrs. Zolber

A minor in Home Economics must include courses 1, 2, 3 and 71-72-73.

For those majoring in Home Economics and preparing for graduate study in the field or for work as professional dietitians, the following courses are required in addition to 45 credits in Home Economics: Chemistry 2-3, and 51-52, Microbiology 21-22, and six credits in Physiology. Those preparing for homemaking or for secondary school teaching take the following courses: Chemistry 2-3, Microbiology 22-23, and six credits in Physiology.

*Not offered in 1944-1945.

1, 2. *Food Study.* Discussion of the fundamental problems of food in relation to health; study of the composition, nutritive value, and digestibility of common foods; principles of food selection and preparation Three credits; autumn, winter; M. W., 8:40. Laboratory, M. or W., 2:00-5:00.

3. *Food Preparation and Service.* A course in menu planning and table service. Preparation and practice in serving formal and informal dinners, buffet suppers, luncheons, etc. Prerequisite: Course 1, 2. Three credits; spring; M. W., 8:40. Laboratory, M. or W.

41. *Applied Design.* Decorative art involving a consideration of line, form, and color as applied to problems in block print, hand weaving, etc. Develops standards of judgement through analysis of fine pictures, textiles, etc. Three credits; autumn; T. Th., 10:30-12:15.

42-43. *Costume Design.* A study of line, color, and texture as they are used in costume for different types and occasions. Problems in selecting and designing. Prerequisite: Course 41. Three credits; winter, spring; T. Th., 10:30-12:15.

71-72-73. *Clothing Selection and Construction.* Aims to develop good taste in dress and to give an appreciation in selection of clothing from standpoint of beauty, health, and economy. Fundamental processes of hand and machine sewing. Study of alterations, fitting problems, and use of commercial patterns. Construction of cotton, wool and silk garments. problems in pattern designing and making of various types of sleeves, collars, plaits, and flares. Three credits; autumn, winter, spring; T. Th., 1:00-4:00.

*87. *Consumer Buying.* A study of the homemaker's problems in buying textiles, clothing and household materials with emphasis on the economic principles involved. Two credits; autumn; M. W. F., 10:30.

*88-89. *Textiles.* A study of fabrics to determine fundamental differences and to develop judgment in buying clothing and house furnishing materials. Three credits; winter, spring; T. Th., 10:30-12:15.

*103. *Interior Decoration.* Study and application of the principles governing the selection of furniture, textiles, pictures, and other furnishings for the home and their arrangement with appropriate backgrounds. Prerequisite: Course 41. Three credits; spring; M. W. F., 11:25.

126. *Household Management.* Management problems of the homemaker in regard to income, time, labor, and family relationships. Study of the selection, operation, care and arrangement of household equipment. Three credits; spring; M. W. F., 10:30.

134. *Tailoring.* Principles involved in making suits and coats for women. Open only to those who show skill in construction of garments. Prerequisite: Course 71-72-73. Three credits; autumn; M. W., 1:00-4:00.

135. *Advanced Clothing Construction.* This course offers advanced work in clothing construction and design. Making of dress forms, patterns, and garments. Three credits; winter; M. W., 1:00-4:00.

*141-142. *Child Development.* A study of the care and development of young children, with special reference to home education. Three credits; autumn, winter; M. W. F., 10:30.

161-162. *Nutrition.* A scientific study of nutrition involving digestion and metabolic processes and products; selection of an optimal diet for

*Not offered in 1944-1945.

health; recent investigations of nutritional deficiency diseases. Prerequisites: Course 1-2-3, and General Chemistry. Three credits; autumn, winter; M. W. F., 10:30.

*163. *Experimental Cookery*. Development of experimental methods; their application of investigations in cookery and the skills involved; acquaintance with the literature in this field; preparation of the student for independent investigations in foods. Prerequisites: Course 1-2-3, and General Chemistry. Three credits; spring; M. W. F., 10:30.

172-173. *Institutional Training*. This course offers practical work in the school cafeteria for those who are interested in doing matron work. Two credits; winter, spring; time to be arranged.

177. *Advanced Institutional Training*. This course gives advanced training in the supervision of the school cafeteria and other institutional activities. Two credits; autumn; time to be arranged.

*183. *Home Economics Seminar*. Required of all majors. Studies of selected topics and reviews of current literature. Special investigations of problems. Prerequisite: at least thirty credits in Home Economics. Three credits; spring.

LIBRARY SCIENCE

Mrs. Sittner

31-32-33. *Library Science*. Instruction in library methods, arrangement, classification, cataloging; the care and use of books and periodicals. Practice work required. Three credits; autumn, winter, spring. Hour to be arranged.

MATHEMATICS

Mr. Davidson, Mr. Brinker

A major in mathematics shall consist of 45 credits, including courses 1, 2, 3, 51-52-53, 21 of which must be upper division. A minor shall consist of 27 credits, including courses 1, 2, 3, 51-52-53.

0. *Plane Geometry*. Given for college entrance. No credit. To be arranged.

1. *Advanced Algebra*. A course for those who have had but one year of algebra in the preparatory school. It reviews briefly the fundamental principles of first-year algebra and continues with a further study of the quadratic equation, radicals, and fractional exponents. Four credits; autumn; M. T. W. F., 11:25.

2. *Trigonometry*. A study of the six trigonometric functions and their use in the solution of the triangle. Four credits; winter; M. T. W. F., 11:25.

3. *Analytical Geometry*. The equations of the straight line and conic sections and their relation to the rectangular and polar coordinates. Four credits; spring; M. T. W. F., 11:25.

11-12-13. *General Mathematics*. A course designed to meet the needs of pre-medical and pre-dental students and open only to those students. No credit will be given for this course toward a mathematics major or minor except by permission of the department head. Two credits; autumn, winter, spring; T. Th., 8:40.

*Not offered in 1944-1945.

51-52-53. *Calculus*. The elements of differential and integral calculus with many problems in its application. Four credits; autumn, winter, spring; M. T. W. F., 7:45.

*61. *Solid Geometry*. The methods of plane geometry as applied to the geometry of space with many problems in practical application. Two credits; autumn; T. Th., 8:40.

101. *Spherical Trigonometry*. Elements of trigonometry as applied to the spherical triangle and to navigation and astronomy. Two credits; autumn; T. Th., 8:40.

*103. *Solid Analytical Geometry*. Typical equations of the plane, sphere, paraboloid, hyperboloid, and ellipsoid and their relation to rectangular and polar coordinates. Two credits; spring; T. Th., 8:40.

*131. *Theory of Equations*. Further study of complex numbers, solution of cubic and quadratic equations, symmetric functions, determinants, resultants, and discriminates. Four credits; autumn.

*142-143. *Differential Equations*. The solution of the various types of differential equations with applications to problems in physics, engineering, and geometry. Four credits; winter, spring.

*151-152. *College Algebra*. A discussion of further algebraical topics, including permutations and combinations, multinomial theorem, inequalities convergency and divergency of series. Three credits; autumn, winter, M. W. F., 8:40.

*163. *Advanced Calculus*. A study of power series, definite integral partial differentiation, multiple integrals, and other topics. Five credits; spring; M. T. W. Th. F., 1:00.

171. *Selected Topics in Mathematics*. Individual work to be carried on by the student, under the supervision of the instructor, and elected only after consultation with the head of the department. One to two credits; to be arranged.

MODERN LANGUAGES AND LITERATURES

Miss Sorenson, Mr. Sonnenberg, Miss Siemsen

No credit will be allowed toward graduation from the Liberal Arts course for less than two years of any modern language taken either in college or preparatory school.

In case a student has taken two years of modern language to meet the preparatory school requirements, a minimum of fifteen credits in the same language is necessary to meet the college requirement. If the same language is not continued in college, then it will be necessary to obtain twenty-four credits in college.

A major in any one language consists of forty credits, exclusive of any elementary course, or fifty-eight credits of two languages, with the grouping of thirty-six and twenty-two credits respectively.

*Not offered in 1944-1945.

A minor consists of twenty-four credits, exclusive of an elementary course.

GERMAN

1-2-3. *Elementary German.* Thorough grammatical analysis. Special emphasis is given to reading and to the acquisition of a working vocabulary for the further study of the language. The foundation of formal instruction in composition is laid in dictation and memorization. Early use of sight material. Practice in free oral and written expression. Five credits; autumn, winter, spring; M. T. W. Th. F., 10:30.

51, 52, 53. *German Reading.* Continued analysis of the language. Special training in written and oral expression with aural comprehension. Composition, syntax, dictation. Intensive and extensive reading of modern literature with oral and written reports for the purpose of fixing special grammatical forms and usages well in mind. Increasing use of German in the classroom. Three credits; autumn, winter, spring; M. W. F., 11:25.

54-55-56. *Composition and Conversation.* A comprehensive and thorough review of grammar. Facility in oral and written expression. Study of common idioms. Analysis of difficult points of German syntax. Two credits; autumn, winter, spring; T. Th., 11:25.

*59. *Scientific German.* This course is designed especially for students who intend to enter a medical school, or who wish to acquire facility in reading German in the various fields of science. Three credits; spring.

101, 102, 103. *Introduction to German Literature.* A survey of the history of German literature from its beginning to the nineteenth century, supplemented by a study of some of the masterpieces of the language. Reading from lyric and epic poetry of the period of the Minnesaenger. Plays and songs of the fifteenth and sixteenth centuries. Representative works of the Romantic period will be read and compared with selections from the classical period. Three credits; autumn, winter, spring; M. W. F., 8:40.

*105. *Classic Literature.* A careful study of the works of Goethe, Schiller, and Lessing, illustrating their influence upon the intellectual movements of their own, and subsequent times. Critical study of Goethe's *Hermann and Dorothea*; Schiller's *Wallenstein*; Lessing's *Nathan der Weise*. Three credits; winter.

*106. *Advanced Composition and Conversation.* A course in advanced composition, conversation, and reading. Increased oral practice. Special emphasis in linguistic fluency and accuracy in comprehension and reproduction. A comprehensive and thorough review of grammar. Continued study of idioms and special grammatical usages. Reading of more difficult German. Acquisition of an extended vocabulary. Instruction largely in German. Three credits; spring.

*107. *German Romanticism.* A study of the social, philosophical, and religious influences on the literature of the period, illustrated in works of the most representative authors. Lectures, collateral reading, and reports. Three credits; autumn; M. W. F., 8:40.

*152. *History of the German Language.* This course is open to advanced students of any language, including English. A practical study of the development of the language. Special emphasis upon the relation

*Not offered in 1944-1945.

of English to German for the purpose of acquiring the habit of thinking clearly and correctly, if not profoundly, concerning the relationship of cognates. Reading of Hartmann von Aue's *Der Arme Heinrich*, and selections from the *Nibelungenlied*. Three credits; winter.

*153. *Modern Germany and Its Literature*. In this course contemporary cultural developments in Germany will be discussed and examined. They will be illustrated by readings from modern German prose, lyric poetry, and dramas. Reports. Newspaper reading. Three credits; spring.

154, 155, 156. *German Directed Reading*. One to three credits each quarter are offered to advanced students. The work consists of assigned readings in the library and written reports. Prerequisite: 101, 102, 103. Autumn, winter, spring; T., 9:35.

FRENCH

51, 52, 53. *French Reading*. Selected readings from standard French authors. A course designed for intermediate students who desire a reading knowledge. Three credits; autumn, winter, spring; T. Th. F., 8:40.

SPANISH

1, 2, 3. *Elementary Spanish*. Thorough grammatical analysis. Special emphasis is given to reading and to the acquisition of a working vocabulary for the further study of the language. The foundation of formal instruction in composition is laid in dictation and memorization. Early use of sight material. Five credits; autumn, winter, spring; M. T. W. Th. F., 10:30.

51, 52, 53. *Spanish Reading*. Selected readings from standard Spanish authors. A course designed for intermediate students who desire a reading knowledge. May be combined with 54, 55, 56, to make a five hour course. Prerequisite to any advanced course in literature. Three credits; autumn, winter, spring; M. W. F., 11:25.

54, 55, 56. *Spanish Composition and Conversation*. Grammar and composition drills and idioms. May be combined with 51, 52, 53, to make a five hour course. Two credits; autumn, winter, spring; T. Th., 11:25.

101, 102, 103. *Introduction to Spanish Literature*. A survey of the history of Spanish literature. Lectures, reports, outside reading. The main currents of the development of the various branches of Spanish literature with a study of representative authors. Three credits; autumn, winter, spring; M. W. F., 7:45.

*104. *Spanish Essay*. A study of the important Spanish essayists and their representative essays. Three credits; autumn; M. W. F., 7:45.

*105. *Spanish Poetry*. This course includes a study of the history of Spanish poetry with the reading of representative Spanish poems. Winter; M. W. F., 7:45.

*106. *Latin American Literature*. A survey of Latin American literature with especial emphasis on the South American authors. Spring; M. W. F., 7:45.

*153. *Spanish Pronunciation*. An analysis of the difficulties of Spanish pronunciation. Abundance of individual drill and practical directions for remedial exercises. Three credits; spring.

*Not offered in 1944-1945.

154, 155, 156. *Spanish Directed Reading*. One to three credits each quarter are offered to advanced students. The work consists of assigned readings and reports. Prerequisite: 101, 102, 103. Autumn, winter, spring; time to be arranged.

MUSIC

Mr. Walker, Mr. Gernet, Mr. Hamilton

Prerequisites: Sightsinging I, Directing I, Fundamentals, Advanced Standing in Applied Music.

(Prerequisites may be waived only by recommendation of the music faculty.)

2. *Fundamentals of Music*. A class dealing with notation, musical terms, instruments, eminent composers, hymns and hymn tunes, and the elementary techniques of sight-singing, directing, and scale and chord construction. Two credits; winter; T. Th., 8:40.

4-5-6. *Theory I*. A composite course including Sight Singing, Dictation, and Keyboard Harmony. One credit; two hours a week; autumn, winter, spring; T. T., 3:00.

7-8-9. *Harmony I*. A course in chord structure and chord relationship from the melodic and rhythmic basis; harmonization of set and original melodies introducing non-chordal tones in the tonic and dominant harmonies; analysis; simple modulation. Composition of two original works is required for course. Two credits; autumn, winter, spring; T. Th., 1:00.

11-12-13. *Directing I*. Study of the technique of directing congregational singing. Special emphasis given to rhythmic problems. Prerequisite: Sight singing or its equivalent. A fee of \$1.50 will be charged each period to cover the expense of an accompanist for one half hour a week outside class. One credit; autumn, winter, spring; F., 1:00.

14, 15, 16. *Elementary Class for Stringed Instruments*. One credit; two hours a week; autumn, winter, spring.

17, 18, 19. *Elementary Class for Woodwind and Brass Instruments*. One credit; two hours a week; autumn, winter, spring.

24, 25, 26. *Instrumental Ensembles*. Trios, quartets, sextets. Various combinations of woodwind and brass instruments. One credit; autumn, winter, spring; M. F., 3:00.

51, 52, 53. *Survey of Music Literature*. An appreciation and orientation course in the classics of music literature designed to acquaint the student with works of standard merit and to develop in him the ability to listen with appreciation, enjoyment, and discrimination. One credit two hours a week; autumn, winter, spring; S., 1:00-2:30.

54-55-56. *Theory II*. A composite course that continues the work begun in Theory I. One credit, autumn, winter, spring. T. Th., 4:00.

57, 58, 59. *Band*.

61-62-63. *Harmony II*. Chromatic harmony; modulation to distant keys; harmonization of original melodies; analysis; application of harmonic techniques to the keyboard. Composition of two original works is required for course. Two credits; autumn, winter, spring; T. Th., 2:00.

64-65-66. *Directing II*. Prerequisite: Directing I. Orchestra and Band directing using members of the class in organization. Text: Orchestra and Band Conducting, by Peterson. One credit; autumn, winter, spring; M., 1:00.

*67, 68, 69. *Hymn and Accompanying Class*. A study of chords and the required technique for their execution in hymn playing. A practical study will also be made for simple accompaniments. One credit; autumn, winter, spring.

*72. *Music Teaching (Piano)*. This is designed for those who plan to teach, and will include a detailed study of repertoire, keyboard technique, pedal technique, memorizing, rhythm, and reading from the earliest to the advanced grades. One credit; winter.

73. *Music in the Elementary School*. Main objectives for teaching music in grades. Organization of course, teaching of rote songs, part singing, appreciation of music, care of children's voices. Three credits; spring; M. W. F., 10:30.

75, 76. *Music Teaching (Voice)*. This class is designed for those who plan to teach voice, and consists of a detailed study of repertoire, correct breathing, voice placement, memorizing, rhythm, and reading from the earliest to the advanced grades. One credit; winter. Two credits; spring.

78, 79. *Music Teaching (Violin)*. This class is designed for those who plan to teach violin, and will include a detailed study of repertoire, technique, memorizing, rhythm, and reading from the earliest to the advanced grades. One credit; winter. Two credits; spring.

81, 82, 83. *Vocal Ensembles*. Duets, trios, quartets, sextets. One credit; autumn, winter, spring.

84, 85, 86. *Church Music*. A course designed primarily for students registered in the School of Theology but which is also open to music majors. The ministry of music in its various phases, relationship of the pastor with the church musician, study of evangelistic music, attention is given to representative hymnody, solos, duets, trios, quartets and anthems, elementary conducting and choir organization. One credit; autumn, winter, spring; T. Th., by arrangement.

87, 88, 89. *A Cappella*.

91, 92, 93. *Chamber Music*. String quartets; violin, 'cello, and piano trios, etc. Upper division students may receive upper division credit. One credit; autumn, winter, spring.

94, 95, 96. *Orchestra*.

*111-112-113. *History of Music*. This course covers the development of music from its beginning through the Ancient, Medieval, Renaissance, Classical, Romantic, and Modern periods. Research and term reports. A study of the arts will be correlated with each period of music history. Three credits; autumn, winter, spring; time to be arranged.

114-115-116. *Form and Analysis*. A study of the design and harmonic structure of simple and complex forms of music composition; standard classic works analyzed. Two credits; autumn, winter, spring.

*121-122-123. *Counterpoint*. Principles of two, three, and four part strict counterpoint, invention, fugue, canon, and contrapuntal harmonization. Analysis of the Well-Tempered Clavichord. Two credits; autumn, winter, spring; M. W., 3:00.

*131-132-133. *Composition*. Study of the art of melodic invention; original composition in small forms principally of homophonic design. Harmony I and II prerequisite courses. Two credits; autumn, winter, spring.

*Not offered in 1944-1945.

*141-142-143. *Orchestration.* Practical work arranging for band and orchestra with special attention to the problems of transposition, substitution, combinations, and the peculiar possibilities and limitations of the various instruments. Two credits; autumn, winter, spring.

ENSEMBLE

All music students are invited to take part in some one or more of the various ensemble activities, orchestra, glee clubs, or chorus. One-half credit a quarter is allowed.

ORCHESTRA AND BAND

The orchestra and band afford excellent experience in ensemble playing. Each organization holds two rehearsals weekly, each practice being one hour in length. Each organization also appears through the school year for student body occasions.

CHORAL ORGANIZATIONS

Glee clubs will be organized for those who are able to sing true pitch and to carry a part. Ability to read music is valuable as a prerequisite.

A CAPPELLA CHOIR

Members are selected by the vocal instructor. Those entering must agree to comply with the regulations of the organization.

PIANOFORTE

Those beginning the four-year piano course are expected to have completed the work outlined in the Academic Piano Syllabus adopted by the North Pacific Union Conference Board of Education, or the equivalent. A syllabus may be procured from the North Pacific Union Conference, 202 South Palouse Street, Walla Walla, Washington.

This course will include exercises for the development of an adequate technique, with special attention to the individual needs. Single and double-tone technique will be given, with emphasis on tone production, dynamic range, and facility.

A junior and senior recital are required of all candidates for graduation. In both cases a full program of well-balanced selections must be presented.

The following is an example of what the total repertoire accumulated during the four years should include:

*Not offered in 1944-1945.

CLASSIC	ROMANTIC	MODERN
<i>Bach</i>	<i>Chopin</i>	
2 Two-part inventions	4 Etudes	<i>Debussy</i>
1 Partita or suite	1 Nocturne	Two preludes
2 Preludes and fugues	6 Preludes	
1 Organ transcription	2 Waltzes	
	1 Mazurka	<i>Poulenc</i>
	1 Ballad, scherzo, or polonaise	Suite or Mouvements Perpetuels
<i>Handel</i>	<i>Schumann</i>	<i>Toch</i>
Harmonious smith	Papillon or romance and novelette	The Juggler
<i>Haydn</i>	<i>Schubert</i>	<i>MacDowell</i>
1 Sonata	Minuet in B minor	Concert Etude in F sharp
<i>Mozart</i>	<i>Mendelssohn</i>	<i>Ravel</i>
Rondo, fantasia, or sonata	Prelude and fugue	
	Rondo Capriccioso or Song Without Words	Jeux d'Eau
<i>Beethoven</i>	<i>Brahms</i>	
1 Sonata	Rhapsody	A complete concerto from the classic, romantic, or modern school
	<i>Liszt</i>	
	Etude, rhapsody or sonetto	

PIPE ORGAN

The foundation teaching in this department is based on trios and pedal studies and Bach. Much attention is given to clarity and precision, voice progression, various types of legato and staccato, choice of registration, artistic phrasing, and ease in the handling of the modern organ.

The student's thorough technical grounding, together with the very best in organ literature prepares him for church work with its attendant recitals.

VIOLIN

The main objects sought after in this department are: technical and artistic development, a discriminating ear, a reliable musical memory, a well-balanced repertoire, and intelligent cooperation and advancement in all forms of orchestral and ensemble work offered. A public recital from memory is required of all majors in music, and a student recital may be listed at the discretion of the head of the department.

The study of the instrument necessitates a graded course of standard work, and this outline the student is expected to follow.

Emphasis is placed upon good intonation, correct bowing, and a full round tone. The method of instruction used is based upon the teachings of Maia Bang, Laoureux, Sevcik, and other recognized authorities.

During the four year course the student will have completed etudes by Kayser, Dont, Fiorillo, Kreutzer, and Rode. Pieces and concertos include standard works by Seitz, De Beriot, Viotti, Mendelssohn, Wieniawski, Kreisler, and others.

VOICE

In this department a normal, natural development of the given powers of each student is undertaken, in place of set methods which frequently do not apply to a particular case. In other words, students are taught singing, not methods, and by singing is meant the all-convincing ease and beauty implied by the term *bel canto*. Correct diction in English, French, German, and Italian is required of those majoring in voice.

Development of personality, ease of manner, poise, and an engaging platform presence for public performance is stressed. Those who are especially interested in evangelistic singing will be fully prepared for this type of work.

Prerequisites for a major in voice: Possession of a fairly good voice, ability to read and sing a simple song at sight and on pitch, a knowledge of the piano keyboard, ability to sing a folk song, a patriotic song or a hymn from memory to demonstrate voice, instinctive interpretive ability and sense of rhythm.

The requirements for a music major in voice are:

FRESHMAN YEAR: Classification of the voice, procedures leading to correct tone production, and simple classics and contemporary songs to assist tone production through articulation and interpretation. Myer's "The Vocal Instructor" and "Pathways of Song" by Earhart-LaForge are used. Study is given to the form and content of representative song material and to the easier arias and recitatives from the major oratorios.

SOPHOMORE YEAR: Continuation of technical studies for development of the individual qualities of the voice. Five additional songs from a selected list. Three Italian songs from "Anthology of Italian Song" edited by Parisitti; two French songs by Debussy, Faure or Massenet, one recitative, and one aria from the oratorios of Handel, Lully, or Monteverdi

and one recitative and aria from "St. Paul," "Messiah," "Elijah," "The Creation," or "The Prodigal Son."

JUNIOR YEAR: Seven German songs from a list by Brahms, Schubert, Schumann, R. Strauss, Beethoven, Wolff and Grieg; six songs in English from a list by Charles, Rachmaninoff, Tschaikovsky, Handel, Campbell-Tipton, Malotte, and Lully; three Italian songs from a list by Donaudy, Giordani, Sarti, and Pergolesi; two additional French songs from a list by Fourdrain, Faure, and Chaminade.

SENIOR YEAR: Continuation of French, German, and Italian diction is required. Three additional German songs from a list by Strauss, Schumann, Schubert, and Brahms; three additional Italian songs from a list by Leoncavallo, Verdi, Rossini, Sarti, Donaudy, etc.; four English songs from a list by Campbell-Tipton, Hageman, Charles, Malotte, Homer, Mana-Zucca, etc.; two Russian songs from a list by Rachmaninoff, Moussorsky, Gretchaninoff or Rimsky-Korsakoff; one recitative and aria by Bach and one aria in English or Italian suited to the individual voice. Preparation of program for graduation recital, appearance as soloist with Oratorio Chorus and with the College orchestra upon recommendation of the Conservatory faculty.

Students of voice may sing in public *only* with the permission of their instructor.

Voice students and all members of the A Cappella Choir and of the glee clubs are required to sing with the Oratorio chorus during at least one quarter of the school year.

ORIENTAL STUDIES

Mr. Lindt, Mr. Schmidt

All students of Chinese and Malay are expected to spend a minimum of two hours per week outside the regular class recitation with the teacher or the native informant in conversation and directed study exercises. This time may be deducted from the time the student would spend in preparation of the daily recitation.

CHINESE

51-52-53. *Elementary Chinese.* Since Chinese has no declensions, no conjugations, and no spelling, the mastery of the spoken language becomes simply a process of acquiring a vocabulary and familiarization with the word order. Hence the first year's study places emphasis almost entirely upon these two things. Idiomatic expressions are given special attention, and familiar proverbs are studied and used. The student is introduced to the language through every avenue of perception which can possibly be utilized. Words are pronounced and their meanings acted out before the class; then they are written before the eyes of the students after which the students are drilled in pronunciation, reading and writing of the characters that they are studying in the vocabulary list. The first year should see a mastery of 100 written characters and the ability to read simple statements from the Scriptures. Effort is made to associate with the students in this class by arranging special drills to be given during their study period. Four credits; autumn, winter, spring; M.-F., 10:30.

101-102-103. *Second-Year Chinese.* This course is open to all students who have had the introductory course, or its equivalent. Further work is given in written and oral expression with auditory comprehension drills. Exercises are given in Chinese speech with reading of the Bible; further study in proverbs and idiomatic expressions; the mastery of another 150 written characters and practice in the preparation of compositions and Chinese correspondence make up the year's work. Four credits; autumn, winter, spring; M.-F., 11:25.

151-152-153. *Third Year Chinese.* This course is open to all students who have had the first two years of Chinese language study, or have the equivalent in familiarity with the spoken and written language. During this year special emphasis is placed upon conversational fluency, and the ability to read the Bible. Some native folk tales are studied, and the student is introduced to Chinese periodicals and other reading. Written work includes thorough review of the written characters studied during the first two years, and the mastery of an additional 150 characters, thus making a total of 1,000 written words. Two credits; autumn, winter, spring; T. Th.,

MALAY

51-52-53. *Malay I.* A thorough foundation in the grammar and idiom of the language as spoken in British Malaya, Borneo, and the Dutch East Indies. The first year provides a basic vocabulary of at least a thousand words and phrases in the English Romanized form of the language. Some time is devoted to a study of Malay customs and traditions. Conversation drill is emphasized with the object of developing fluency in speaking and writing. Biblical language is introduced through the medium of brief selections from the gospels. Four credits; autumn, winter, spring. M.-F., 7:45.

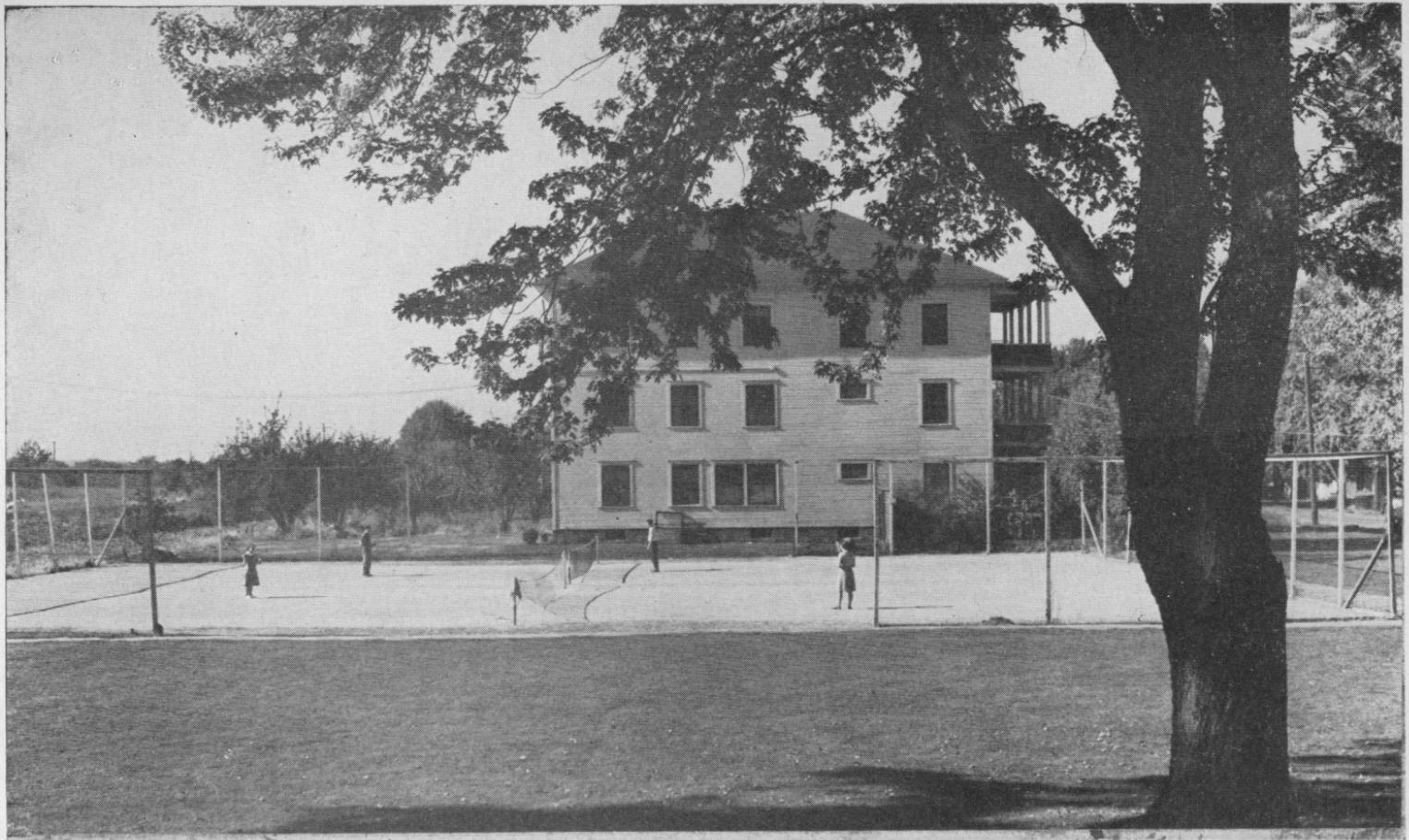
101-102-103. *Malay II.* A review of the fundamental principles of Malay grammar. Drills in composition, idiom, letter-writing and Malay proverbs. Considerable emphasis is placed on Biblical language as exemplified in the gospels and the book of Revelation. Both the British and the Dutch Romanizations are utilized to make possible an appreciation of the two types. Reports to the class on assigned topics and brief Bible studies in the Malay language are required. Four credits; autumn, winter, spring; M.-F., 11:25.

151-152-153. *Malay III.* The student is given the opportunity to acquaint himself with the terminology of both the Old and the New Testament. Practice in giving sermons and Bible Readings will be offered. The fundamental principles of the Dutch language, spoken in the Dutch East Indies, are taught including a speaking knowledge of said language. Since the Arabic characters are in general use throughout Southern Asia and Northern Africa, the student is also taught to read the Malay language in said characters. Two credits; autumn, winter, spring; T. Th.,

PHYSICS

Mr. Kretschmar, Mr. Davidson

Major students are required to take courses 101-102, 102A, 104, 104A, 105-106, 105A, 107-108, 108A, 109, 109A, 151-153, and courses 1, 2, 3 and 51-53 in mathematics.



51, 52, 53. *General Physics*. An introductory course in mechanics and heat, wave motion, sound, and light, electricity and modern physics. Demonstrations, lectures, problems, and laboratory work. Basic mathematical principles are emphasized. The laboratory is integrated closely with the class work by means of a demonstration type of laboratory in which most of the fundamental physical principles are illustrated. Prerequisite: five credits of college mathematics which must include the principles of trigonometry. Four credits; autumn, winter, spring; M. W. F., 8:40. Laboratory on Tuesday afternoon.

*83. *Surveying*. A course in plane surveying which will include the use and care of instruments, methods of leveling, and land surveying, determination of the meridian and latitude and some work in mapping. About one-half the time will be spent in practical field work. Four credits; spring; T. Th., 10:30. Field work, Sunday, 1:00-4:00; Tuesday, 1:00-4:30.

*101-102. *Electricity and Magnetism*. A course in general principles and theory of electricity and its applications, with special reference to the needs of advanced physics students. Prerequisites: Math. 51, Physics 1-2, 1A-2A-3A. Three credits; autumn, winter; M. W. F., 11:25.

*101A. *Electrical Measurements*. A laboratory course to accompany course 101-102. Two credits; autumn.

*104. *Heat*. A course in the principles of temperature and heat measurement, Kinetic theory, change of state, and thermodynamics. Two credits; autumn.

*104A. *Heat Laboratory*. A laboratory course to accompany Course 104. Two credits; autumn.

*105, 106. *Physical Optics*. An introduction to the study of light and optical phenomena. Reflection, refraction, dispersion, and interference are taken up. Polarization and spectra are studied. The electro-magnetic theory is studied in some detail and the quantum theory of radiation is considered briefly. Two credits; winter, spring.

*105A. *Optics Laboratory*. A laboratory course to accompany Course 105. Two credits; winter.

*107-108. *Atomic Physics*. A course designed to acquaint the student with present-day developments in the rapidly expanding field of modern physics. Atomic structure is studied in detail from the viewpoint of radioactive and X-ray considerations. Atomic models, the Bohr theory, and the contributions of spectroscopy are studied. Three credits; autumn, winter; M. W. F., 10:30.

*108A. *Atomic Physics Laboratory*. A laboratory course in which some of the classical experiments are performed. Designed particularly to give the student a little background in modern physics. Will cover experiments similar to the outline in *Electron Physics*, by Hoag. Prerequisite: Physics 101-102 and 101A. Two credits; winter.

*109. *Electronics*. The principles and applications of electronic devices, such as triode vacuum tubes and photo-electric cells will be taken up in detail. Physics 101-102, and 101A or their equivalent is prerequisite. Three credits; spring; M. W. F., 10:30.

*109A. *Electronics Laboratory*. A laboratory course designed to accompany Course 109. Radio frequency measurements and experimental work

*Not offered in 1944-1945.

with oscillators, rectifiers, amplifiers, and electronic devices. Two credits, spring.

*111, 112, 113. *Practice Teaching in Physics.* The student takes charge of one laboratory section in General Physics. Student should obtain instructor's approval before registering. One credit; autumn, winter, spring.

*151-152-153. *Mechanics.* An elemental mathematical course covering the general principles of force, motion, statics of particles and rigid bodies, work and energy, equations of motion, central forces, motion of particles and rigid bodies. In the latter part of the course, generalized coordinates and the Lagrangian equations will be considered briefly. Two credits; autumn, winter, spring; M. W., 11:25.

PHYSICAL EDUCATION

Mr. Brinker

The aim of the Physical Education department is to develop the physical well being of the individual by providing activities which stimulate the habit of regular exercise, develop a reasonable skill and interest in activities which may be enjoyed after graduation; thereby equipping the individual with the methods of keeping his body physically fit throughout life.

All students using the gymnasium must wear gymnasium shoes and suits. Suits purchaseable at the time the student enters the class.

Because of the amount of supervision necessary for conducting the work of this department, a double charge is made for all credit in physical education.

1, 2, 3. *Physical Education I.* Men. Required in freshman year. Group games, individual contests, emphasis on the mind-body coordination, and development of the general physique. One-half credit, autumn, winter, spring; M. W., 2:00.

4, 5, 6. *Physical Education I.* Women. Required in freshman year. The course includes setting up and corrective exercises, marching, games. One-half credit; autumn, winter, spring; T. Th., 7:45, 9:35, 10:30.

6A. *Beginners Swimming.* One-half credit; spring; T. Th., 1:00.

14, 15, 16. *Junior Leadership.* A study will be made of and practice will be given the techniques involved in the Junior Progressive Class Work; laboratory work with the Juniors in the form of camp cookery, handcraft, hiking, nature study, etc. One credit; autumn, winter, spring; T., 3:00.

21-22-23. *Medical Cadet Corps Basic and Technical Training.* While accorded non-combatant status, Seventh-day Adventists believe in serving their country in any capacity which does not include the active bearing of arms. This course is intended to prepare young men to render acceptable service to their country along non-combatant lines. Principles of first aid; instruction in the care of the wounded; personal and camp

*Not offered in 1944-1945.

hygiene; close order, physical, and litter drill. One and one-half credits; autumn, winter, spring; one hour class attendance, three hours laboratory; classes T., 7:45 and Th., 8:40; lab. M. Th., 1:00. (Note: This course satisfies the physical education requirement for graduation.)

31, 32, 33. *Women's Medical Cadette Corps.* This course for young women includes close order drill, First Aid, and basic military subjects. The objective of the course is to prepare the young women for service to our country as civilians. One credit; autumn, winter, spring. T., 1:00-4:00.

51, 52, 53. *Physical Education II.* Men. Required in sophomore year. Continuation of Physical Education I. Advanced exercises, use of apparatus, knowledge of and average playing ability of the several athletic games. Prerequisite: Physical Education I or Medical Cadet Corps 21-22-23. One-half credit; autumn, winter, spring; M. W., 4:00.

54, 55, 56. *Physical Education II.* Women. Continuation of Physical Education I. Advanced exercises, tumbling, average skill in at least two athletic games. Prerequisite: Physical Education 4, 5, 6. One-half credit; autumn, winter, spring; T. Th., 7:45, 9:35, 10:30.

54A. *Advanced Swimming.* One-half credit; autumn; T. Th., 4:00.

56A. *Life Saving.* One half credit; spring; T. Th., 4:00.

*61-62-63. *Medical Cadet Corps Technical Training in Emergency Nursing Procedures.* Training in the fundamental nursing principles necessary in ward nursing in the field hospital. Prerequisite: Medical Cadet Corps 21-22-23. One-half unit; autumn, winter, spring; M., 4:00-5:30.

71, 72, 73. *Medical Cadet Corps Advanced Course.* Men in this class act as the non-commissioned officers of the beginning class. Instruction in the art of leadership, commanding, and administration. Prerequisite: Medical Cadet Corps 21-22-23 and 61-62-63. Physical Education 51, 52, 53 advised; and permission of the instructor. One-half credit; autumn, winter, spring; time to be arranged.

POLITICAL SCIENCE

Mr. Westermeyer

1. *American National Government.* The origin and establishment of our national government; its executive, legislative, and judicial functions as outlined in the constitution and as developed to the present; extra-constitutional agencies and activities. Three credits; autumn M. W. F., 10:30.

*2. *American State and Local Government.* The inter-relationships of national, state, and local governments; the administrative, legislative, and judicial functions in theory and practice. Three credits; winter.

*3. *American and Municipal Government.* The development of American cities and their place in our political system; the various types of city government; contemporary problems. Three credits; spring.

*51. *Comparative European Governments.* A study of the historical developments of the major western European states, with emphasis placed on contemporary problems. Three credits; winter. Prerequisite: History 1-2-3.

*52. *Comparative European Governments.* The governments of representative eastern European countries, with special reference to post-war Russia. Upper division credit by arrangement with instructor. Three credits; winter. Prerequisite: History 1-2-3.

*Not offered in 1944-1945.

Department of Vocational Instruction

AUTO MECHANICS

Mr. Schiller

Requirements for Auto Mechanics Students

1. Only a limited number of students are accepted in the class.
2. Students entering the class should first make arrangements at the garage.
3. Students entering for quarter only are not accepted unless to finish course where previously dropped.
4. Laboratory fee of \$2.00 per quarter.
5. Students must have a small set of hand tools.
6. Students are permitted to repair their own cars, but a small additional charge is made for miscellaneous items, plus parts.

1-2-3. *Auto Mechanics.* A practical study of the details of modern automobile engines, transmission and differential systems, methods of control, principles of bearing design, and ignition systems. Practical experience in overhauling and repairing. One unit in academy. Three credits; autumn, winter, spring.

BAKING

Mr. Gibbon

1-2-3. *Baking.* A practical course in baking, covering care of shop utensils, operating of machinery, firing of oven, mixing of breads, buns, rolls, etc., and the making of pastries. Three credits; autumn, winter, spring.

51, 52, 53. A continuation of the above vocational instruction with sales practice and special assignments. Three credits; autumn, winter, spring.

GENERAL AGRICULTURE

Mr. Losey

1-2-3. *General Agriculture.* A survey course covering in a general way the various phases of plant production and animal husbandry. Special attention will be given to gardening, dairying, and poultry husbandry. Autumn, Dairying; winter, Poultry Husbandry; spring, Gardening. One hour class work and two hours laboratory. Two credits; autumn, winter, spring.

MANUAL ARTS

Mr. Emmerson, Mr. Kretschmar

A major in this department consists of forty-five credits in vocational work, twenty-one of which must be upper division.

The minor consists of twenty-seven credits, nine of which must be upper division work. The minor study should be

appropriate and related to the field, as mathematics, business administration, physics, or education.

The specific requirements for graduation as listed on pages 40 and 41 are to be included in the electives.

1-2-3. *Technical Drawing.* Descriptive geometry, lettering, problems, working drawings, pictorial drawing. The student is permitted to specialize in house planning, furniture design, or machine drawing. Emphasis is placed on the technique of making both pencil and ink tracings for blue-printing. Three credits; autumn, winter, spring; T. Th. afternoons. By special arrangement students are permitted to take a limited course of two hours credit each quarter.

11, 12, 13. *Wood Turning.* Spindle, face plate, chuck turning, and metal spinning. Exercises, assigned projects, and original designs. Wood finishing. Two credits; autumn, winter, spring; time to be arranged.

51-52-53. *Carpentry.* This class works on a house or other building during the school year. Each student is given the opportunity to become familiar with the details of house construction through actual practice. Text-book and lecture work precedes each of the building operations that the student may attack the work intelligently. During the coldest part of the winter, the class makes intensive study of house plans; wide reading and original drawing are required. Typical plans are critically examined to discover what features are desirable and what might be improved. Three credits; autumn, winter, spring; M. W. F., 1:00-5:15.

61-62-63. *Cabinet Making.* Special stress is laid on good construction, good design, and exactness in all work. Care and use of tools, sharpening tools, original designs, glue and its uses, properties of wood, finishing, use and operation of machinery. End tables, cedar chests, flower stands, cabinets, desks, and other approved projects may be made during the school year. Two credits; autumn, winter, spring. Recitation and laboratory work.

91, 92, 93. *Machine Shop Practice.* A course in practical machine shop practice which will include textbook work and assigned projects in metal working on the lathe, shaper, and milling machine. Some projects in forging and welding will be done in connection with the course, with the intent of providing a general experience in repairing and manufacturing processes. Two or three credits; autumn, winter, spring; Sec. A, M. W., 1:00-5:00; Sec. B, T. Th., 1:00-5:00.

101, 102, 103. *Advanced Cabinet Making.* Machine woodworking, furniture design, saw filing, installation and maintenance of woodworking machinery. A high degree of excellence is required in the furniture made by the members of this class. Prerequisite: Courses 61-62-63. Two credits; autumn, winter, spring.

121, 122. *Advanced Technical Drawing.* Completed drawings, working drawings, presentation sketches, freehand sketching, details, opportunity to specialize in the line of the student's interest is given in the projects of this course. Two credits; autumn, winter.

123. *House Planning*. A continuation of the course in advanced technical drawing, giving special attention to floor plans, elevations, building details, sketches, complete sets of plans. Prerequisite: Courses 1-2-3. Two credits; spring.

131. *Wood Finishing*. Stains, fillers, paints, enamels, varnishes, kalsomine, with their application and use. Selection and care of brushes and equipment. Particular study of color combinations and pleasing tone. Three credits; autumn.

132. *Design*. Period styles of furniture, decorative arts, spot and line composition, functional design, proportion. Original designs aimed at combining usefulness and structural excellence with beauty and grace of form. Prerequisite: Courses 1-2-3. Three credits; winter.

151. *Building Construction*. Framed structures in wood and steel. Posts, beams, roof trusses, mill construction, structural timber. Prerequisite: Courses 1-2-3 and 51-52-53. Three credits; autumn.

152. *Reinforced Concrete Design*. Forms, mixtures, posts, beams, slabs, T-beams, surfaces, formulae, and working stresses. Prerequisite: Courses 51-52-53. Three credits; winter.

153. *Building Materials and Methods*. Contracts, specifications, plans, estimating, foremanship, superintendence, advantages and disadvantages of the different building materials, mechanical equipment of building, structural equipment, lighting, heating, and ventilation, acoustics. Prerequisite: Courses 51-52-53. Three credits; spring.

171, 172. *History of Architecture*. A brief survey of the history of architecture, Babylon, and Egypt, Greece and Rome, the orders, Gothic architecture, the Renaissance, the origin and development of present day buildings. Prerequisite: junior standing. Two credits; autumn, winter.

PRINTING

Mr. Collins

A limited number of students are offered the opportunity of studying the art of printing in the College printing office. The department is well equipped with modern machinery, linotypes, cylinder, automatic cylinder, and platen presses. This catalog is a product of the department, and the *North Pacific Union Gleaner*, *The Mountain Ash*, and *The Collegian* are printed here, besides a large amount of first-class commercial work, which gives the student training in the various lines of the printing industry.

In the department opportunity is given (to the student who has shown his interest in printing, taken at least two years and has acquired enough skill in the trade) at the

discretion of the one in charge, to put in an amount of time equal to his full industrial and domestic work or more, for which excess time he will receive remuneration according to the value of his labor.

Printing 1-2-3 and 51-52-53 are required of students minoring in journalism.

1-2-3. *Printing I.* General principles; measurements, straight and display composition. The imposition and locking of forms, and platen press work. Two credits; autumn, winter, spring.

51-52-53. *Printing II.* Further study of job composition, drafting, platen and cylinder press work. Imposition of forms is given. Five hours of actual shop practice and one hour of textbook study is required. The student is expected to develop speed, accuracy, and independent thinking in shop practice to the point of acceptable commercial efficiency. He may specialize in composition or in press work. Two credits; autumn, winter, spring.

101-102-103. *Printing III. Linotype composition.* Keyboard practice, machine construction; care of matrix; care of metal; study of fundamental principles of operation. Two credits; autumn, winter, spring.

PART IX

The School of Theology

Organization

The School of Theology is incorporated under the administration of the College, and the members of the School are subject to all the general regulations of the College. The academic year, periods of examinations, etc., run concurrently with those of the College, and all its facilities for study and manual work are at the disposal of the School.

Admission

The purpose of theological training requires that a careful selection of candidates for admittance be made not only on the basis of scholastic accomplishments, but also on the basis of spiritual qualities, social sympathies, and cultural refinement.

Application for admittance must be made to the Dean.

The minimum requirements for college entrance must be completed before admission and a certificate or transcript of record from an accredited institution must be submitted.

Courses of Study

The curriculum of the School of Theology provides for two somewhat different courses of study: one a full college course which leads to the degree of Bachelor of Theology; the other a course for Bible workers, which may be supplemented by arrangement, if desired, to lead to Bachelor of Arts or Bachelor of Theology.

At the discretion of the Dean competent students may supplement their theological schedules with work from the College. For students who so desire, certain supplementary courses in education may be worked into the present schedule as electives, for teaching certification.

Requirements for Theology Degree

The student is expected to do work amounting to 16 credit hours per quarter. Any student taking less than 15 credits will not be considered a member of the School of Theology. Students must have obtained at least a C average before being admitted to senior standing. If at any time during his course the student's grades fall as low as .50 grade average, he will

be placed on probation. If during the quarter following he does not show improvement, he will be asked to drop his work in the School of Theology.

For graduation 192 quarter credit hours are required. All work in Bible and Homiletics must be of at least C grade and a student majoring in Biblical languages must also receive C grade in the Biblical language courses.

Outline of the Bachelor of Theology Course

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Life and Teachings	2	Life and Teachings	2	Life and Teachings	2
Greek I	4	Greek I	4	Greek I	4
English Composition	3	English Composition	3	English Composition	3
History	3	History	3	History	3
Science	3-4	Health Principles	3	Science	3-4
Medical Cadet	1½	Medical Cadet	1½	Medical Cadet	1½

SECOND YEAR

Fundamentals of Christian Belief	2	Fundamentals of Christian Belief	2	Fundamentals of Christian Belief	2
Greek II	4	Greek II	4	Greek II	4
Den. Accounting and Finance	3	Den. History and Spirit of Prophecy	3	Den. History and Spirit of Prophecy	3
Education	3	Education	3	Education	3
Speech	2	Speech	2	Speech	2
Journalism	2	Journalism	2	Journalism	2

THIRD YEAR

Daniel and Revelation	2	Daniel and Revelation	2	Daniel and Revelation	2
Hebrew Prophets	3	Hebrew Prophets	3	Hebrew Prophets	3
Church History	3	Church History	3	Church History	3
Homiletics I	2	Homiletics I	2	Church Polity	2
Field Seminar I	1	Field Seminar I	1	Field Seminar I	1
Vocation	3	Vocation	3	Electives	5
Electives	2	Electives	2		

FOURTH YEAR

Systematic Theology	3	Systematic Theology	3	Systematic Theology	3
New Test. Epistles	2	New Test. Epistles	2	New Test. Epistles	2
Homiletics II	3	Homiletics II	3	Homiletics II	3
Field Seminar II	1	Field Seminar II	1	Field Seminar II	1
*Electives	7	*Electives	7	*Electives	7

ELECTIVE COURSES

Mission Languages

- Chinese I
- Chinese II
- Malay I
- Malay II

Bible

- Advanced Teachings of Jesus
- Archaeology and the Bible
- Bible Manuscripts
- World Religions

Biblical Language

- Pauline Epistles
- Hebrew I
- Hebrew II

Education

Students desiring certification may elect professional educational subjects as listed on page 47.

History

Renaissance and Reformation
 Religion in the United States
 Ancient World
 Europe Since 1815

Methods

Research Methods
 Bible Teaching Methods
 Salesmanship

English and Speech

Persuasive Speaking
 Public Lecturing
 Radio Production
 Parliamentary Procedure
 English Literature

General

Music
 Art.

Notes

1. In Education, to fulfill requirements, a sequence such as General Psychology, Educational Psychology, Principles of Education is suggested. Those who wish to add other courses in Education, with a view to teacher certification, are referred to requirements for this printed in the College Bulletin.

2. In music in addition to instrumental and vocal training, the courses, Fundamentals of Music, Directing, and Church Music are recommended.

3. Electives are not required subjects in the degree course.

4. Theology students who wish to retain their 4-D rating in the selective draft must carry a scholastic load of not less than 15 credit hours and must be in good and regular standing.

5. **ALTERNATE PROGRAM.** Students who desire somewhat more extensive introduction to Bible scholarship in Biblical literature and languages and in the history and backgrounds of the people of the Bible, may meet the requirements of the School of Theology for a B. Th. degree with certain additional courses taken from the regular offerings of the School in the following order. During the *first year* a full basic science course may be taken and the requirement in physical education may be met by one year of medical cadet training; the *second year* an approved history class and the full vocational requirement may be completed instead of Speech and Journalism; the *third year* Pauline Epistles may be substituted for New Testament Epistles and an elective course taken instead of Speech II; the *fourth year* the Ancient World and the sequence of Archaeology and the Bible, Bible Manuscripts, and World Religions and a further advancement in Biblical languages, as in Hebrew I, may fill the place of Hebrew Prophets and Homiletics II with Seminar II. As electives for this program are recommended educational courses (see Note

2 below), history especially in connection with significant church eras in the Old and New World, speech and English Literature, or any other course offered in the School of Theology. Students wishing to enter on this program must have the approval of the faculty of the School of Theology and must formulate an articulated program under the direction of an advisor. Mere substitution of individual courses without an organized program will not fulfill School of Theology requirements.

Bible Workers Course

This course is arranged for young women planning to do Bible work as a life calling. On its completion a diploma is awarded. The course of study is so arranged that a fourth year of study may lead to the degree of Bachelor of Arts, by completing one of the majors required for this degree.

Outline of Course for Bible Workers

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Life and Teachings	2	Life and Teachings	2	Life and Teachings	2
English	3	English	3	English	3
History	3	History	3	History	3
Home Economics	3	Home Economics	3	Home Economics	3
Modern or Ancient Language	5	Modern or Ancient Language	5	Modern or Ancient Language	5
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

Fundamentals of Christian Belief	2	Fundamentals of Christian Belief	2	Fundamentals of Christian Belief	2
Bible Workers' Evangelism	2	Bible Workers' Evangelism	2	Church Polity	2
Education	3	Education	3	Education	3
Speech	2	Speech	2	Speech	2
Science	3-4	Health Principles	3	Science	3-4
Physical Education	½	Physical Education	½	Physical Education	½
*Electives	3	*Electives	3	*Electives	3

THIRD YEAR

Daniel and Revelation	2	Daniel and Revelation	2	Daniel and Revelation	2
Homiletics II	3	Homiletics II	3	Homiletics II	3
Church History	3	Church History	3	Church History	3
Field Seminar I	1	Field Seminar I	1	Field Seminar I	1
Hebrew Prophets or New Test. Epistles	3	Hebrew Prophets or New Test. Epistles	3	Hebrew Prophets or New Test. Epistles	3
*Electives	4	*Electives	4	*Electives	4

Music, Education, History, Modern Languages, and Ancient Languages are of special value to the Bible worker. Electives from these groups are recommended.

PART X

The Summer Session

The summer session is a regular quarter of the school term. It is especially adapted to the needs of (1) students who desire to shorten the time usually required to complete a college course, (2) students who have found it necessary to take a partial load during the regular school year, but who desire to complete a college course in the usual length of time, (3) students who have been forced by circumstances to miss a quarter of the regular school year, and (4) teachers who desire to take additional courses of professional or general interest.

The summer session is divided into two terms. While most students will attend the entire session, the two-term plan makes it possible to complete in approximately five weeks regular courses yielding a limited amount of college credit. Students completing requirements for graduation during the summer will receive their degrees or diplomas at the end of the summer session.

Because of the smaller enrollment, it is possible to give personal attention, instruction, and supervision to a greater extent during the summer session.

Further details regarding the session may be obtained in the annual summer session bulletin.

College Enrollment of 1943-1944

Students in College Department	579
Special Students	10
TOTAL	589
Summer School, 1943	144
GRAND TOTAL	733

PART XI

Graduates of 1943

Bachelor of Theology

Gustav William Asher
Charles Howard Betz
Edwin Gideon Brown
J. Norvell Brown
George L. Chalker, Jr.
Delbert W. Curry
Gilbert Meade Dinwiddie
Joseph Christian Hansen
Toshiuki Hirabayashi
Standish Greek Hoskins
Clayton C. Konzack
Edwin Eugene Kungel
Arthur Patzer
Merle Harold Peterson
Emil Schafer
Aaron A. Wagner

Bachelor of Arts

Cleo Ashurst
Mary Margaret Bock
Kenith Robert Craig
S. Adele Dorland
Beatrice Irene Emery
Gertrude Manfull-Gibson
Lance W. Judkins
Lillian Evelyn McLuhan
Donald Blair Miller
Verna Moser
Melvin Leonard Ochs
Clide Elvin Omstead
J. Lynn Pester
Clark C. Pettit
Elda Mae Reichard
Paul S. Reichard
John William Schnepper
Walter H. Siemsen, *cum laude*
Thelma Storey
Clifford Merlin Wagner
Clarence S. Wallace
Carroll Leonard Westermeyer

Bachelor of Arts in Elementary Education

Verta Rogers-Johnson
Mrs. Myrtle Martin
Venessa Standish
Louise Kae Unruh

Bachelor of Science

Marie Clara Armes
Carol Clara Bunnell
Wallace Donald Campbell
William Cavanaugh
Galen Homer Coffin
Dorothea Fern Forsberg
William Gyles Gruzensky
Margaret Jean Hon
Carl Lansing
James Dee Lansing
John Bertram Oliver
Francis Burton Schuler
Loren Oliver Vixie

Three-year Premedical

Harold A. Funk, O. D.
Elvin Charles Hedrick
Gordon Leslie Jackson
Lloyd A. Meade
Stanton Graham Oberg
Leland Eugene Paddock
Vernon Marshall Parrett
Donald Ivan Peterson
Raymond Stanley Shearn
James Lloyd Webster, Jr.
Lester Lyndon Wilcox

PART XII

Time Schedule of Classes

Course No.	Autumn	Winter	Spring	Course	BIBLE	Credits	Hour	Days	Laboratory	Room
1 - 2 - 3				Bible Survey			2	7:45		22
				Sec. A			2	11:25	T.Th.	22
				Sec. B					T.Th.	
4 - 5 - 6				Life and Teachings of Jesus			2	10:30	T.Th.	13
				Sec. A			2	8:40	T.Th.	13
				Sec. B			2	7:45	T.Th.	13
11 12 - 13				Daniel and Revelation			2			
51 52 53				Fundamentals of Christian Belief						
				Sec. A			2	8:40	T.Th.	22
				Sec. B			2	10:30	T.Th.	22
82 83				Denominational History			3	7:45	M.W.F.	23
91 - 92 - 93				Bible Worker's Evangelism			2	11:25	M.W.	24, 13
111 112 - 113				Daniel and Revelation			2	11:25	T.Th.	13
141 - 142				Homiletics I			2	9:35	T.Th.	13
				Church Polity			2	9:35	T.Th.	13
141A- 142A- 143A				Seminar I			1		Arr.	
151				Archaeology and the Bible			3	8:40	M.W.F.	34
				Bible Manuscripts and Translations			3	8:40	M.W.F.	34
				World Religions			3	8:40	M.W.F.	34
161 162 163				Systematic Theology			3	11:25	M.W.F.	18, 22
174 175 176				Advanced Teachings of Jesus			2	10:30	M.W.	22
181 182 183				Homiletics II			3	10:30	M.W.F.	13
181A- 182A- 183A				Seminar II			1		Arr.	
184 185 186				New Testament Epistles			2	8:40		
194 195 196				Methods of Research			1		Arr.	

Course No.	Autumn	Winter	Spring	Course	ART	Credits	Hour	Days	Room
1	2	3		Art		1-2	8:40 10:30	M.-Th. M.-Th.	20 20
4	5	6		China Painting		1	1:00-3:00	T.W.	20
11	12	13		Lettering		$\frac{1}{2}$	1:00-4:00	W.	20
21	22	23		Chalk and Felt Illustrating		$\frac{1}{2}$ -1	9:35 or 11:25 1:00-3:00	T.Th. T.W.	20 20

BIBLICAL LANGUAGES

1	-	2	-	3	New Testament Greek I	4	10:30	M.-F.
51	-	52	-	53	New Testament Greek II	4	11:25	M.W.F.
								3 hours

BIOLOGY

1 - 2	3	Elementary Zoology and Botany	4	7:45 8:40	M.W.F. M.W.F.	Sec. A—1:00 T. Sec. B—1:00 Th. Sec. C—8:00 S. Sec. D—1:00 M.	S.H. S.H. S.H. S.H.
	Sec. A		4				
	Sec. B						
5	6	Field Zoology	1	1:00	Th.		
14 -	15 -	Field Botany	1	1:00	Th.		
		Anatomy and Physiology	3	7:45	M.W.F.	Sec. A—1:00 Th. Sec. B—3:00 Th.	S.H. S.H.
						Sec. A—1:00 M.W. Sec. B—3:00 M.W.	
22 -	23	Microbiology	3	10:30	M.W.		
61		Mammalian Anatomy	1		Arr.		
14	122	Vertebrate Embryology	3	10:30	M.W.	1:00 T.	S.H.
		Microscopic Technique	3	1:00	M.	Arr.	S.H.
57	153	Vertebrate Zoology	4	10:30	T.Th.	Arr.	S.H.
		History of Biology	2	7:45	T.Th.		S.H.
94	195 - 196	Seminar		7:45	T.Th.		S.H.

Course No.	Autumn	Winter	Spring	Course	NURSING EDUCATION AND HEALTH	Credits	Hour	Days	Laboratory	Room
14				Health Principles		3	8:45 / 10:00			2
				Sec. A		3	10:30			2
				Sec. B		3	8:40			2
				Sec. C		3	1:00			2
				Sec. D		3	8:40			2
				Sec. E		3	10:30	T.Th.		2
21 -	22 -	23		History of Nursing	2, 1, 2		9:35	T.Th.		2
121				Methods in Nursing Education	3		11:25	T.		2
122				Health Administration	3		9:35	T.Th.		17
				Supervision	3		11:25	T.		17
124	125	126		Seminar	1		9:35	T.Th.		17
							11:25	T.		17
								T.Th.		17
BUSINESS ADMINISTRATION AND SECRETARIAL SCIENCE										
1 -	2 -	3		Business Economics	3		10:30			30
11 -	12 -	13		Typing I	1		9:40	3 P.M.		31
11A				Special Typewriting	1		10:30	T.Th.		31
14 -	15 -	16		Principles of Accounting	3		7:45			30
21 -	22 -	23		Shorthand	3		7:45	M.-F.		30A
51 -	52 -	53		Advanced Shorthand	2		10:30	M.W.F.		30A
54				Business Correspondence	2		9:35	T.Th.		30
				Salesmanship	2		9:35	T.Th.		30
				Business Behavior	2		9:35	T.Th.		30A
				Intermediate Accounting	2		8:40			30
71 -	72 -	73		Advanced Typing	1		11:25	M.W.F.		31
77 -	78 -	79		Denominational Accounting	3		8:40	M.W.F.		30
81				Business Machines	2		10:30	T.Th.		30
114 -	115 -	116		Advanced Dictation	2		Arr.			30A
161	162	163		Cost Accounting	3		11:25	M.W.F.		30
				Budgets	3		11:25	M.W.F.		30
				Denominational Accounting Systems	3		11:25	M.W.F.		30
				Research				Arr.		30
									2-6	

Course No.

Autumn Winter Spring

Course No.	Autumn	Winter	Spring	Hour	Credits	Hour	Days	Laboratory	Room
191	192	193		1:00	1	1:00	M.		30
			Methods in Teaching Bookkeeping	1	1	1:00	M.	30A	30A
			Methods in Teaching Typing	1	1	1:00	M.		
			Methods in Teaching Shorthand	1	1	1:00	M.		

CHEMISTRY

1 -	2 -	3	General Chemistry	3	7:45	M.W.F.	S.H.
1A-	2A-	3A	Laboratory	1	1:00	M.,W.	S.H.
1 -	5 -	6	Pre-nursing Chemistry	2	8:40	T.Th.	S.H.
4A-	5A-	6A	Laboratory	1		S. or T.	S.H. 15
7			Survey of Physical Science	4	7:45	M.-F.	S.H. 2
51 -	52 -	53	Elementary Organic Chemistry	2	7:45	T.Th.	✓7
51A-	52A-	53A	Laboratory	1	1:00	Th.	S.H.
62	63		Elementary Analysis	4	11:25	T.Th.	S.H.
62A	63A		Laboratory	1	1:00	M.W.	S.H.

EDUCATION

1	54	56	Introduction to Education	2	8:40	T.Th.	2
			Principles of Education	3	10:30	M.W.F.	17
			Principles of Education	3	2:00	M.W.F.	16
			Psychology	3	2:00	M.W.F.	1
			Principles of Geography	5	11:25	M.W.F.	15
			Child Life and Problems	3	7:45	M.W.F.	C.S.
			Philosophy of Education	3	11:25	M.W.F.	13
			Secondary School Administration	3	8:40	M.W.F.	S.H.
			School Home Administration	3	ARR.	M.W.F.	16
			Educational Tests and Measurements	3	11:25	M.W.F.	15
			Adolescent Life and Guidance	3	11:25	M.W.F.	S.H. 17

ELEMENTARY TEACHER TRAINING

11	12	13	Industrial Arts	5	ARR.	C.S.
			Teaching of Art	3	ARR.	
			Principles of Mathematics	3	10:30	M.W.F.
			Teaching Techniques	5	8:40	M.W.F.

Course No.	Course	Credits	Hour	Days	Laboratory	Room
Autumn Winter Spring						
81 82 83	Teaching I	1	Arr.			C.S.
101 102 103	Teaching II	1-3	Arr.			C.S.
104	Diagnostic and Remedial Teaching	3	Arr.			C.S.
	SECONDARY TEACHER TRAINING					
131	Techniques in Secondary Subjects	2	3:00	T.		S.H.
	Observation and Directed Teaching	3	3:00	T.		Ac.
197	Special Methods	2	Arr.			S.H.
	SOCIOLOGY					
107	Human Relations	3	Arr.			
	Cultural Foundations	3	Arr.			
	ENGLISH					
1 - 2 - 3	Composition (Freshman)					
	Sec. A	3	1:00			
	Sec. B	3	11:25			
	Sec. C	3	11:25	10:30		
	Sec. D	3	11:25	11:25		
	Sec. E	3	10:30	11:25		
4 - 5 - 6	Teacher's English	2	9:35	T.Th.		
141 - 142 - 143	Literary Composition	2	5:00	T.Th.		
	LITERATURE					
51	Literary Elements	3	7:45			
64 -	American Literature	2	8:40			
74 -	English Literature	3	8:40			
	Twentieth Century Literature	3	8:40			
	Old and Middle English	3	8:40			
101	English Renaissance Literature	3	10:30			
107 -	American Literary Masters	2	7:45			
137	Seminar	1	5:00			
197 - 198 - 199						

Course No.	Autumn Winter Spring		Course	Credits	Hour	Days	Laboratory	Room
	84 -	85 -						
131 -	132 -	133	Copy Desk Editing	1	Arr.			21
1 -	2 -	3	Essentials of Speech	2	9:35			17
			Sec. A	2	10:30			17
			Sec. B	2	8:40			17
			Sec. C	2	7:45			17
111 -	112		Persuasive Speaking	3	7:45			17
151 -	152 -	153	Public Lecturing	3	7:45			17
197 -	198		Radio Production	2	Arr.			17
			Methods in Teaching Speech	2				17
SPEECH								
HISTORY								
1	2	3	European Civilization	3	8:40			35
51	52	53	United States	3	11:25			35
114	115	116	Church History	3	7:45			34
141	142	143	Europe Since 1815	2	9:35			35
154	155	156	History of Religion in Total. States	2	10:30			35
191	192	193	Latin America	2	8:40			35
194	195	196	Independent Study	1-2	Arr.			35
197	198		Seminar	1	1:00			35
HOME ECONOMICS								
1	2	3	Food Study	3	8:40			
			Food Preparation and Service	3	8:40			
41	42 -	43	Applied Design	3	10:30-12:15	M.W.	2:00 M. or W.	H.E.
71 -	72 -	73	Costume Design	3	10:30-12:15	T.Th.	2:00 M. or W.	H.E.
			Clothing I	3	1:00-4:00	T.Th.		H.E.
			Household Management	3	10:30	M.W.F.		H.E.

ORIENTAL STUDIES

51 -	52 -	53	Elementary Chinese	4	10:30	4	30A
101 -	102 -	103	Chinese II	4	11:25		
151 -	152 -	153	Chinese III	2	Arr.		
MALAY							
51 -	52 -	53	Malay I	4	7:45	16 35	2
101 -	102 -	103	Malay II	4	11:25		
151 -	152 -	153	Malay III	2	Arr.		

Course No.	Course	Hours	Days	Laboratory	Room
Autumn	Winter Spring				
51	52	53			
	General Physics				

PHYSICS

Course No.	Course	Hours	Days	Laboratory	Room
Autumn	Winter Spring				
51	52	53			
	General Physics				

PHYSICAL EDUCATION

1	2	3	Physical Education I (Men)	$\frac{1}{2}$	M.W.	2:00
4	5	6	Physical Education I (Women)	$\frac{1}{2}$	T.Th.	7:45
					T.Th.	9:35
					T.Th.	10:30
14	15	16	Swimming I	$\frac{1}{2}$	T.Th.	1:00
21 -	22 -	23	Junior Leadership	1	T.	3:00
31 -	32 -	33	Medical Corps (Men)	$1\frac{1}{2}$	Th.	1:00
51	52	53	Medical Corps (Women)	1	T.	1:00
54	55	56	Physical Education II (Men)	$\frac{1}{2}$	M.W.	4:00
			Physical Education II (Women)	$\frac{1}{2}$	T.Th.	7:45
					T.Th.	9:35
54A			Swimming II		T.Th.	10:30
			Life Saving	$\frac{1}{2}$	T.Th.	4:00
				$\frac{1}{2}$	T.Th.	4:00

POLITICAL SCIENCE

1	American National Government	3	10:30	35
			VOCATIONAL	C.G.
			AUTO MECHANICS	
1 - 2 -	3	Auto Mechanics	3	Arr.

Course No.	Autumn	Winter	Spring	Course	Credits	Hour	Days	Laboratory	Room
1 -	2 -	3		Baking I	3	Arr.			B.
51	52	53		Baking II	3	Arr.			B.
GENERAL AGRICULTURE									
1 -	2 -	3		General Agriculture	2	Arr.			
MANUAL ARTS									
1 -	2 -	3		Technical Drawing	3	1:00	TRTh.		M.T.
11	12	13		Wood Turning	2	Arr.			M.T.
51 -	52 -	53		Carpentry	3	1:00			M.T.
61 -	62 -	63		Cabinet Making	2	Arr.			M.T.
91	92	93		Machine Shop	2-3	1:00-5:00			W.F. ^{Arr.}
101	102	103		Advanced Cabinet Making	2	Arr.			
121	122			Advanced Technical Drawing	2	Arr.			
		123		House Planning	2	Arr.			
				Wood Finishing	3	Arr.			
131	132			Design	3	Arr.			
151	152			Building Construction	3	Arr.			
		153		Concrete	3	Arr.			
				Building Materials	3	Arr.			
171	172			History of Architecture	2	Arr.			
PRINTING									
1 -	2 -	3		Printing I	2	Arr.			C.P.
51 -	52 -	53		Printing II	2	Arr.			C.P.
101 -	102 -	103		Printing III	2	Arr.			C.P.

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