

Walla Walla College

BULLETIN

1940-41



"The School that Educates for Life"

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WALLA WALLA COLLEGE BULLETIN

CATALOGUE 1940-41



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

Vol. XLIX June, 1940 No. 1

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ISSUED QUARTERLY

ARCHIVES
WALLA WALLA UNIV

School Calendar 1940-1941

1940 SEPTEMBER 1940							1941 FEBRUARY 1941						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	2	3	4	5	6	7	8
15	16	17	18	19	20	21	9	10	11	12	13	14	15
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29	30						23	24	25	26	27	28	
1940 OCTOBER 1940							1941 MARCH 1941						
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1940 NOVEMBER 1940							1941 APRIL 1941						
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24	25	26	27	28	29	30	27	28	29	30			
1940 DECEMBER 1940							1941 MAY 1941						
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22	23	24	25	26	27	28	18	19	20	21	22	23	24
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1941 JANUARY 1941							1941 JUNE 1941						
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The College Calendar

1940-1941

SUMMER QUARTER

Registration	Wed., June 5
Close of summer quarter	Wed., Aug. 14

AUTUMN QUARTER

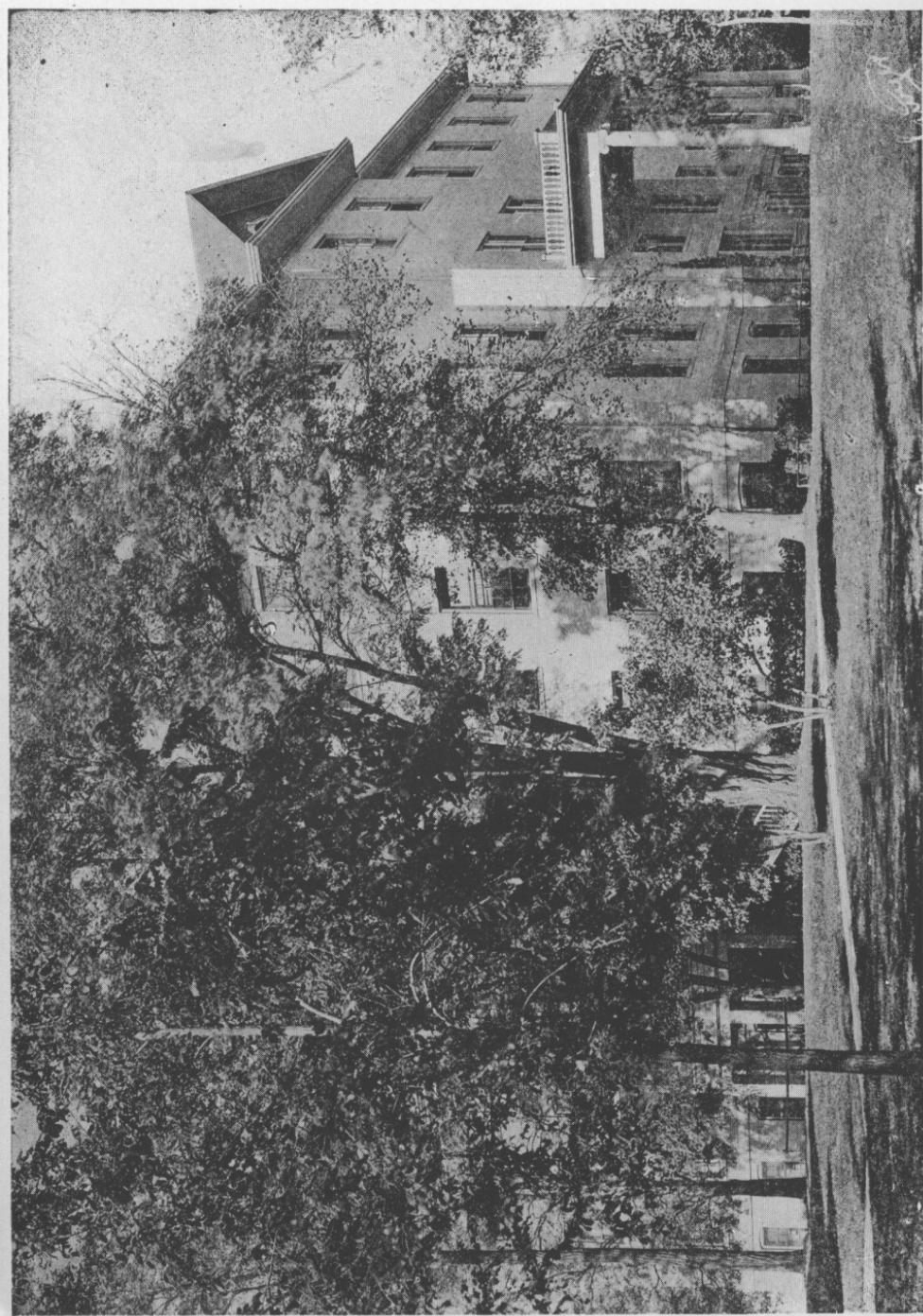
Freshman convocation, attendance required, 8:00 p. m.	Mon., Sept. 23
Freshman tests, 9:00 a. m.; 2:00 p. m.	Tue., Sept. 24
Freshman convocation, attendance required, 8:00 p. m.	Tue., Sept. 24
Registration of freshman, 9:00 a. m.; 2:00 p. m.	Wed., Sept. 25
Freshman convocation, attendance required, 8:00 p. m.	Wed., Sept. 25
Freshman instruction begins, 8:00 a. m.	Thurs., Sept. 26
General registration, 9:00 a. m.; 2:00 p. m.	Thurs., Sept. 26
General convocation, 8:00 p. m.	Thurs., Sept. 26
General registration, 9:00 a. m.; 2:00 p. m.	Fri., Sept. 27
First vesper service, 7:30 p. m.	Fri., Sept. 27
Faculty-Student reception, 8:00 p. m.	Sat., Sept. 28
Annual field day	Wed., Oct. 2
Thanksgiving recess	Thurs., Fri., Nov. 21, 22
Registration for winter quarter	Nov. 25 to Dec. 13
Instruction ends, 12:15 p. m.	Wed., Dec. 18

WINTER QUARTER

Registration of new students, 2:00 p. m.	Mon., Dec. 30
Instruction begins, 8:00 a. m.	Tue., Dec. 31
Registration for spring quarter	Feb 17 to March 7
Instruction ends, 12:15 p. m.	Thurs., March 13

SPRING QUARTER

Registration of new students, 2:00 p. m.	Mon., Mar. 17
Instruction begins, 8:00 a. m.	Tue., Mar. 18
Instruction ends, 6:00 p. m.	Fri., May 30
Senior consecration service, 8:00 p. m.	Fri., May 30
Baccalaureate sermon, 11:00 a. m.	Sat., May 31
Commencement, 10:00 a. m.	Sun., June 1



ADMINISTRATION BUILDING

PART I

Administration and Instruction

Board of Trustees

E. L. NEFF, <i>President</i>	Walla Walla, Washington
G. W. BOWERS, <i>Secretary</i>	College Place, Washington
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Local Board of Management

E. L. NEFF, *chairman*; G. W. BOWERS, *secretary*; R. T. EMERY; F. W. PETERSON; H. C. KLEMENT; L. E. ESTEB.

Faculty

ADMINISTRATION

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President

FRANK W. PETERSON,
Business Manager

CLARA EDNA ROGERS, B.A.,
Registrar, Secretary of the Faculty

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

J. CECIL HASSLER, M.A.,
Principal, Walla Walla College Academy

TEACHING STAFF

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Assistant Professor of English
B.A., Walla Walla College

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Ph.D., Nebraska

FRANCIS M. BURG
Dean Emeritus, School of Theology
S.T.B., Walla Walla College

PERCY W. CHRISTIAN

Professor of History

Ph.D., Northwestern

E. STRAUSS CUBLEY

Professor of Business Administration

M.A., Washington

GWYNNE DALRYMPLE

Associate Professor of Biblical History and Literature

B.Th., Atlantic Union College

L.I.B., Brooklyn Institute

RALPH M. DAVIDSON

Instructor in Mathematics

M.A., Tennessee

DOROTHY FOREMAN

Instructor in English

B.A., Union College

STERLING K. GERNET

Assistant Professor of Music Theory

Ph.D., Temple

WINIFRED LUCILE HOLMDEN

Professor of Ancient Languages

M.A., Southern California

VICTOR JOHNSON

Professor of Violin and Music Theory

Director of Music Conservatory

B.Mus., Washington, D. C.

GEORGE GUSTAV KRETSCHMAR

Professor of Physics

Ph.D., Chicago

RICHARD LEWIS

Instructor in English

M.A., Southern California

HOLGER LINDSJO

Assistant Professor of Biblical History and Literature

Ph.D., Chicago

THOMAS A. LITTLE

Professor of English
M.A., North Carolina

LEON B. LOSEY

Instructor in Agriculture
M.S., Oregon State College

VEDA S. MARSH

Instructor in Biology
M.A., George Peabody College for Teachers
R.N., Glendale Sanitarium and Hospital

LULU HILL-MILLER

Instructor in Art

ALICE A. NEILSEN

Assistant Professor of Education
Director of Department of Teacher Training
M.A., Southern California

JOHN E. POTTS

College Physician, Lecturer in Hygiene
M.D., College of Medical Evangelists

DAISY SCHLUNTZ

Assistant Professor of Home Economics
M.S., Nebraska

HERMAN R. SITTNER

Professor of Education
Director of Student Welfare and Personnel
M.A., Washington

MOLLIE LAY-SITTNER

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

AGNES L. SORENSEN

Associate Professor of Modern Languages
M.A., Michigan

CLAUDE E. THURSTON

Instructor in Chemistry
M.S., Washington

MYRTLE M. WALKER

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

*STANLEY WALKER

Instructor in Piano and Pipe Organ

THE TEACHER TRAINING SCHOOL

ALICE A. NEILSEN

Director
M.A., Southern California

ELEANOR MARKS-LINDSJO

Supervisor, grades one and two
B.A., Emmanuel Missionary College

MAVIS SMITH

Supervisor, grades three and four
B.A., Pacific Union College

CLARA KEITH-BOWERS

Supervisor, grades five and six
M.A., Nebraska

ETHEL A. JOHNSON

Supervisor, grades seven and eight
M.A., Minnesota

*Leave of absence, 1940-41.

Faculty Committees

RELIGIOUS INTERESTS

G. W. BOWERS, Gwynne Dalrymple, Dorothy Foreman, L. B. Losey, *Head of Bible Department.*

ADMISSION AND GRADUATION

G. W. BOWERS, H. R. SITTNER, CLARA ROGERS, G. G. KRETSCHMAR, T. A. LITTLE, ALICE NEILSEN, P. W. CHRISTIAN.

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G. W. BOWERS, DOROTHY FOREMAN, F. W. PETERSON, L. B. LOSEY, Gwynne Dalrymple, E. S. Cubley.

PERSONNEL

H. R. SITTNER, S. K. GERNET, K. APLINGTON, RALPH M. DAVIDSON, Gwynne Dalrymple.

PROGRAM

CLAUDE THURSTON, DOROTHY FOREMAN, L. B. LOSEY, MARGUERITE APLINGTON, VICTOR JOHNSON, HOLGER LINDSJO.

LIBRARY

MOLLIE LAY-SITTNER, G. G. KRETSCHMAR, F. W. PETERSON, HOLGER LINDSJO, AGNES SORENSEN.

PUBLICATIONS

T. A. LITTLE, P. W. CHRISTIAN, DAISY SCHLUNTZ, R. L. COLLINS, J. C. HAUSSLER.

FACULTY ADVISORS FOR THE ASSOCIATE STUDENTS

Graduate Manager, E. S. Cubley; *The Collegian*, T. A. Little; *The Mountain Ash*, K. Aplington.

INDUSTRIAL SUPERINTENDENTS

FRANK W. PETERSON.....	<i>Superintendent, Industrial Departments</i>
JOHN BAUER, JR.....	<i>Store</i>
RAY L. COLLINS.....	<i>Print Shop</i>
RUSSELL EMMERSON.....	<i>Construction</i>
FRANK GIBBON.....	<i>Bakery</i>
LELAND PARKER.....	<i>Heat and Light</i>
FERDINAND M. SCHILLER.....	<i>Garage</i>
ANNA GIDDINGS-VANASDLE.....	<i>Culinary</i>
MRS. E. A. BAGGETT.....	<i>Laundry</i>
E. O. BECKER.....	<i>Farm</i>
MORRIS LEWIS.....	<i>Bindery</i>

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 pursual of a certain course of study. It means more than the preparation for 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.

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. The United Air Lines provide daily service to Walla Walla.

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, an assembly hall with a seating capacity of more than five hundred, and the library.

Dormitories

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

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 165 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, erected in 1924, gives ample provision for the chemistry and biology departments. Offices, class rooms, laboratories, and stock rooms are provided, and a biology museum has been added recently.

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 3,000 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

The College library consists of over sixteen thousand volumes of standard literary and reference works. Current magazines and periodicals covering every phase of student interest are provided. The library is catalogued and card indexed, and is under the direct supervision of a trained librarian. New books, magazines, and periodicals are constantly being added to keep the library up-to-date.

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 nine hundred 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, and the Science 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 advanced deposit as follows:

Home Students	\$48.00
Village Students	23.50

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 examinations 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. In order that students may draw money on account from the business office for incidental expenses, a written statement from the parents will be required. 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 AND TUITION

With two students occupying one room, home expenses and tuition for a six weeks' period are \$40.50. It is expected that \$10.00 of this will be met by work. 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. The charge of \$40.50 covers regular tuition for 16 quarter credits of class work, plain laundering not to exceed \$1.10 weekly, and room furnished with steam heat and electric light up to 100 watts. This does not include the student's board. 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 \$1.00 is made to those occupying rooms on the fourth floor in 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.

Board

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

Board, minimum for six weeks

Men	\$17.00
Women	15.00

(Students not living in the school homes are charged
25 per cent more with no minimum.

TUITION FOR NON-RESIDENT STUDENTS

(For a period of six weeks)

QUARTER CREDITS OF CLASS WORK

Fourteen to sixteen credits	\$23.50
Thirteen credits	20.80
Twelve credits	19.20
Eleven credits	17.60
Ten credits (minimum)	16.00

Special Tuition

Physical education is charged double tuition. Art with other subjects is charged double tuition; when taken alone, 35c for each two hours attendance per week.

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	\$.75	
Biology	4.00	
Bacteriology	3.00	
Chemistry	5.00	
Pre-Nurses Chemistry	4.00	
China Painting	1.50	
Clothing .....		.75
Dietetics	1.00	
Exp. Cookery	4.00	
Food Study		1.25
Design	1.00	
Industrial Arts		1.00
Journalism .....	.50	
Machine Shop	5.00	
Physics	4.00	
Physiology		1.00
Practical Hygiene	2.00	
Radio Speech	1.00	
Student Teaching .....		.25
Surveying	2.00	
Teaching of Art	1.00	
Woodwork		1.00

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

Typeewriter 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 \$10.00 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)	\$160.00	\$180.00	\$190.00
Fees (Library, Industrial, and Laboratory)	12.00	18.00	24.00
Board	95.00	110.00	130.00
Books and Stationery	10.00	20.00	30.00
Totals	\$277.00	\$328.00	\$374.00

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, or Organ, two lessons weekly \$12.00

Piano, Violin, or Organ, one lesson weekly 7.20

Student Teachers:

Piano, two lessons weekly 7.20

Piano, one lesson weekly 4.50

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.....	25c for each hour
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 75c per quarter to cover part of the expenses for music, robes, advertising, and programs.

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

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.

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.

SCHOLARSHIP PLAN

Any student selling \$480.00 worth of Seventh-day Adventist literature and depositing this sum, which includes the cost of books and profit, with his Book and Bible House will receive an additional colporteur's bonus of \$60.00 or a total credit of \$300.00. A half or three-quarter scholarship is given on the same basis. This is to be used for tuition, fees, board, room, and laundry.

A student living in the village who desires to make use of the scholarship plan should sell \$240.00 worth of literature and deposit this sum with his Book and Bible House. An additional colporteur's credit of \$30.00 will be added, making a total of \$150.00.

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. For further information the student is referred to the pamphlet, "The Scholarship Plan," circulated by the General Conference Publishing Department.

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 50 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.

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.

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.

mitted, on application, to make other arrangements for their accommodations. 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 Students' 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 granted by 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

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.

PART V

Administration of the Curriculums

ADMISSION

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, pro-

vided 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.

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 unit.

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. 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.

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 Admission and Graduation. 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

Withdrawal

A student is enrolled for a course only on presentation of a class card properly endorsed by the registrar. Withdrawal from the course requires the permission of the instructor.

Class Attendance

The student is responsible for regular attendance at all sessions of classes in which he is enrolled. 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 so doing. 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.

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 a certificate from a doctor. 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 Admission and Graduation.

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 Admission and Graduation.

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 Admission and Graduation.

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
*Mathematics	9 credits
Physical Education and Health	6 credits

* Mathematics is required of those who do not have preparatory geometry.

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 must obtain permission to do so from the Committee on Admission and Graduation.

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 Admission and Graduation. 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 at the beginning of 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 freshman 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

Four general college courses are offered: one leading to the degree of Bachelor of Arts, another to the degree of Bachelor of Science, the third leading to the degree of Bachelor of Theology, and the fourth leading to the degree of Bachelor of Arts in Elementary Education. Those who complete the preparatory medical course and two years at the College of Medical Evangelists will receive the degree of Bachelor of Arts. Students satisfactorily completing the three-year course will receive a diploma. The specific requirements for graduation are given later in this bulletin.

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.

Degree students shall have the option of being held to the graduation requirements of the catalogue under which they enter, provided they do not discontinue their work at one time for longer than two quarters, or to the requirements of the catalogue under which they plan to graduate. 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. Imme-

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

Minor Study

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

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 a freshman course.

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 thirty-six credits in residence.

Vocational Credit

The vocational requirement for a bachelor's degree may be met by presenting nine credits from one of the following: auto mechanics, baking, home economics, printing, or three credits in typing and six in shorthand upon completing a year's work in each. Vocational credit is also granted for commercial lettering, mechanical drawing, one-half of the library science course, and credits in accounting.

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 Theology is conferred upon students who have fulfilled the following conditions:

1. Complied with all entrance requirements. (See page 29.)
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 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.

5. Satisfied the following specific requirements:

Religion	24 credits
History	9 credits
*Education	9 credits
**Language, Ancient or Modern	15-24 credits
English	9 credits
†Mathematics	9 credits
Basic Science	
Elect Chemistry, Physics, Biology, Physiology, or Mathematics	12 credits
Vocational	9 credits
Physical Education and Health	6 credits

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

* Principles of education required.

** See page 82.

† Students are excused from this requirement if two units of mathematics, including one unit of geometry, are presented from the preparatory school.

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

<i>Autumn Quarter Credits</i>	<i>Winter Quarter Credits</i>	<i>Spring Quarter Credits</i>
Piano, Voice, Violin 2	Piano, Voice, Violin 2	Piano, Voice, Violin 2
Harmony I 2	Harmony I 2	Harmony I 2
English 3	English 3	English 3
Bible 2	Bible 2	Bible 2
French or German 5	French or German 5	French or German 5
Dictation 1	Dictation 1	Dictation 1
Ensemble, Chorus	Ensemble, Chorus	Ensemble, Chorus
Orchestra $\frac{1}{2}$	Orchestra $\frac{1}{2}$	Orchestra $\frac{1}{2}$
Physical Education $\frac{1}{2}$	Physical Education $\frac{1}{2}$	Physical Education $\frac{1}{2}$

SECOND YEAR

Piano, Voice, Violin	2	Piano, Voice, Violin	2	Piano, Voice, Violin	2
Harmony II	2	Harmony II	2	Harmony II	2
Directing II or Hymnology	1	Directing II or Hymnology	1	Directing II or Hymnology	1
Educational Psych.	3	Science of Sound	4	Health Principles	3
Adv. Sight Singing	2	Music Teaching	1	Music Teaching	2
New Test. Epistles	2	New Test. Epistles	2	New Test. Epistles	2
Gen. Eur. History	3	Gen. Eur. History	3	Gen. Eur. History	3
Ensemble, Chorus, Orchestra	½	Ensemble, Chorus, Orchestra	½	Ensemble, Chorus, Orchestra	½
Physical Education	½	Physical Education	½	Physical Education	½

THIRD YEAR

Piano, Voice, Violin	3	Piano, Voice, Violin	3	Piano, Voice, Violin	3
Music History	3	Music History	3	Art Appreciation	3
Bible Doctrines I	2	Bible Doctrines I	2	Bible Doctrines I	2
Form and Analysis	2	Form and Analysis	2	Keyboard Harmony	2
Elective	6	Elective	6	Elective	6

Junior Recital

FOURTH YEAR

Piano, Voice, Violin	4	Piano, Voice, Violin	4	Piano, Voice, Violin	4
Counterpoint	2	Counterpoint	2	Counterpoint	2
Art	1	Art	1	Art	1
Bible Doctrines II	2	Bible Doctrines II	2	Bible Doctrines II	2
Elective	7	Elective	7	Elective	7

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.

Outline of Bachelor of Science Course

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
Fresh. English	3	Fresh. English	3	Fresh. English	3
Gen. Chemistry	4	Gen. Chemistry	4	Gen. Chemistry	4
Mathematics	5	Mathematics	5	Mathematics	5
Health Principles	3	Education	3	Education	3
Phys. Education	½	Phys. Education	½	Phys. Education	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
Language	5	Language	5	Language	5
Mathematics	4	Mathematics	4	Mathematics	4
Physics or Chem.	3-5	Physics or Chem.	3-5	Physics or Chem.	3-5
Phys. Education	½	Phys. Education	½	Phys. 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	
Elective	6-8	Elective	6-8	Elective	6-8

*Bachelor of Science with a Major in
Physiological Science*

This major is planned for candidates for a college degree who have completed the following prerequisites:

1. Graduation from an accredited secondary school or its equivalent.
2. Completion of the prenursing requirements.
3. Graduation from an accredited school of nursing.

If a student satisfactorily fulfills the above scholastic requirement, the senior year's work will represent the following requirements for the degree of Bachelor of Science:

Major (Physiological Science)	17 credits
Minor (Nursing Education)	12 credits
Bible	6 credits
Education	9 credits
Electives	6 credits

All courses shall be upper division classes. Suitable major subject courses shall be elected from the following courses:

Parasitology	Histology
Clinical Bacteriology	Physiological Chemistry
Microscopical Technique	Advanced Physiology

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	3 credits
Educational Psychology	3 credits
Principles of Secondary Teaching	2 credits
Special Methods (in major subject)	3 credits
Secondary Practice Teaching	3 credits
Educational Measurements	3 credits
History of Education	3 credits
Adolescent Life and Problems	3 credits
Secondary School Administration	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 in 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 (laboratory science in the eleventh or twelfth grade)	1 unit
Mathematics	1 unit
*Bible	3 units
Vocational	1 unit

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

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 two hundred four (204) credits, divided as follows:

Education courses	32
Introduction to Education (4)	
Philosophy of Education (3)	
Teaching Techniques (9)	
Directed Teaching (10)	
Remedial Teaching (3)	
State Manual (3)	
Psychology	12
General Psychology (3)	
Educational Psychology (3)	
Child Psychology (3)	
Tests and Measurements (3)	
General Academic Requirements	98
Art (6)	
English (Composition and Literature) (18)	
Health Education (10)	
Principles of Mathematics (4)	
Music (6)	
Science (12)	
Social Studies (14)	
Religion (24)	
Speech (4)	

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

Free Electives 22

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

FIRST YEAR

<i>Autumn Quarter</i>	<i>Credits</i>	<i>Winter Quarter</i>	<i>Credits</i>	<i>Spring Quarter</i>	<i>Credits</i>
Religion	2	Religion	2	Religion	2
English	3	English	3	English	3
Introduction to Education	4	Principles of Mathematics	4	Health	4
Biology	4	Survey of Physical Science	4	Biology	4
American History	3	American History	3	American History	3
Health Education I	1	Health Education I	1	Health Education I	1

SECOND YEAR

Religion	2	Religion	2	Religion	2
Psychology	3	Ed. Psychology	3	Geography	5
Speech	2	Speech	2		
Music Fundamentals	3	Introduction to Art	3	Industrial Arts	3
Elective	6	Elective	6	Elective	6
Health Education II	1	Health Education II	1	Health Education II	1

THIRD YEAR

Religion	2	Religion	2	Religion	2
Literature	2	Literature	2	Literature	2
Teaching Tech. and Directed Teaching	4	Teaching Tech. and Directed Teaching	4	Teaching Tech. and Directed Teaching	4
Child Psychology	3	Child Literature	3	Music in Elem. School	3
Elective	6	Elective	6	Elective	6

FOURTH YEAR

Religion	2	Religion	2	Religion	2
School Law	3	Philosophy of Ed.	3	Tests and Measurements	3
Teaching	3	Teaching	4	Remedial Teaching	3
Elective	9	Elective	8	Elective	9

PART VII

Junior College Courses

TEACHER TRAINING COURSES

Prerequisite: Sixteen units of work in an accredited 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

* One unit for each year in attendance at academy.

Three-Year Teacher Training Course

This course is offered to meet the needs of students from states where the three-year requirement is still effective. It includes all the specific professional and academic requirements listed for the four-year course (144 credits). A total of thirty-two (32) credits of upper division work is required. Three credits of student teaching must be completed at Walla Walla College, regardless of the amount of similar work taken elsewhere.

Outline of Three Year Course

FIRST YEAR

Autumn Quarter	Credits	Winter Quarter	Credits	Spring Quarter	Credits
Bible	2	Bible	2	Bible	2
English	3	English	3	English	3
Introduction to Education	3	Principles of Education	3	Health Principles	3
Techniques of Reading	3	Principles of Mathematics	3	Bible Methods and Story Telling	3-4
Fundamentals of Biology	4	Fundamentals of Biology	4	Fundamentals of Biology	4
Lettering	1	Teaching of Art	1	Teaching of Art	1
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
Psychology	3	Educational Psych.	3	Geography	5
American History	3	American History	3		
Teaching	1	Teaching	1	American History	3
English in the Elementary School	2	Social Science in the Elementary School	2	Teaching	1
Industrial Arts	1	Industrial Arts	1	Industrial Arts	1
Elective	3	Elective	3	Elective	3
Sight Singing	½	Sight Singing	½	Sight Singing	½
Physical Education	½	Physical Education	½	Physical Education	½

THIRD YEAR

Bible	2	Bible	2	Bible	2
English	2-4	English	2-4	English	2-4
School Law	3	Teaching	4	School Music	3
Teaching	1	Diagnostic and		Teaching	2
Adol. Psychology	3	Remedial Teaching	3	Tests and Measurements	3
Elective	5	Elective	5	Elective	5

Students will be required to pass a test in penmanship.

Two-Year Teacher Training Course

This course is offered to meet the needs of students from states where the two-year requirement is still effective. Those interested should consult the registrar regarding specific requirements.

Teacher Certification

The Teacher Training Department of Walla Walla College is accredited by the State of Washington, and students who complete the three-year or 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 any of the three Teacher Training Courses will entitle the student to a corresponding Elementary Certificate issued by the Department of Education of the General Conference of Seventh-day Adventists, provided the proper prerequisites have been taken.

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 1.35 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 18 credits in science subjects, in this College.

Students must take the pre-medical diploma if they wish later to receive the Bachelor of Arts degree from 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:

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

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

Preparatory Medical Course

FIRST YEAR

<i>Autumn Quarter</i>	<i>Credits</i>	<i>Winter Quarter</i>	<i>Credits</i>	<i>Spring Quarter</i>	<i>Credits</i>
Bible	2	Bible	2	Bible	2
Freshman English	3	Freshman English	3	Freshman English	3
General Math.	3	General Math.	3	General Math.	3
General Chemistry	4	General Chemistry	4	General Chemistry	4
College Zoology	4	College Zoology	4	College Zoology	4
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 Chem.	3
*Language	3	Language	3	Language	3
Amer. Government	3	Analytical Chem.	3	Analytical Chem.	3
Physical Education	½	Physical Education	½	Physical Education	½

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
Chemistry	3	Chemistry	3	Chemistry	3

* Premedical 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.

PRE-DENTAL

Beginning in September, 1937, the minimum requirements for admission to the study of dentistry were advanced to two predoctoral years. The first two years of the premedical 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
Gen. Chemistry	4	Gen. Chemistry	4	Gen. Chemistry	4
Fresh. English	3	Fresh. English	3	Fresh. 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
Organic Chem.	3	Organic Chem.	3	Organic Chem.	3
Amer. Government	3	Sociology	5	Principles (Philosophy) of Education	3
Gen. Psychology	3	Educ. Psychology	3	Anatomy and Physiology	3
Elective	5	Anatomy and Physiology	3	Elective	5

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	5	Mathematics	5	Mathematics	5
Chemistry	4	Chemistry	4	Chemistry	4
Mechanical Drawing	2	Mechanical Drawing	2	Mechanical Drawing	2
*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	
Economics	3	Economics	3	and Welding	3
Physical Education	½	Physical Education	½	Economics	3
				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.

PRE-NURSING COURSE

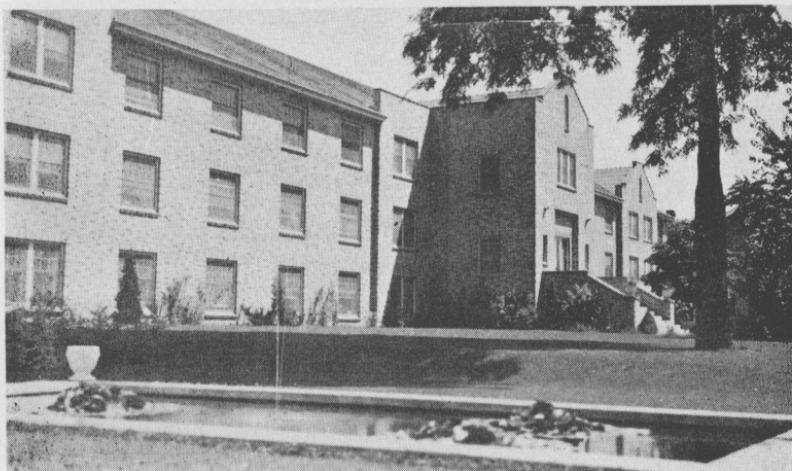
Prerequisite: The following sixteen units in an accredited secondary school, as well as a high C average, are prerequisite in most schools of nursing:

English	3 units
Language	2 units
(Two units must be in the same language)	
Mathematics	2 units
(One unit algebra)	
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

(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.

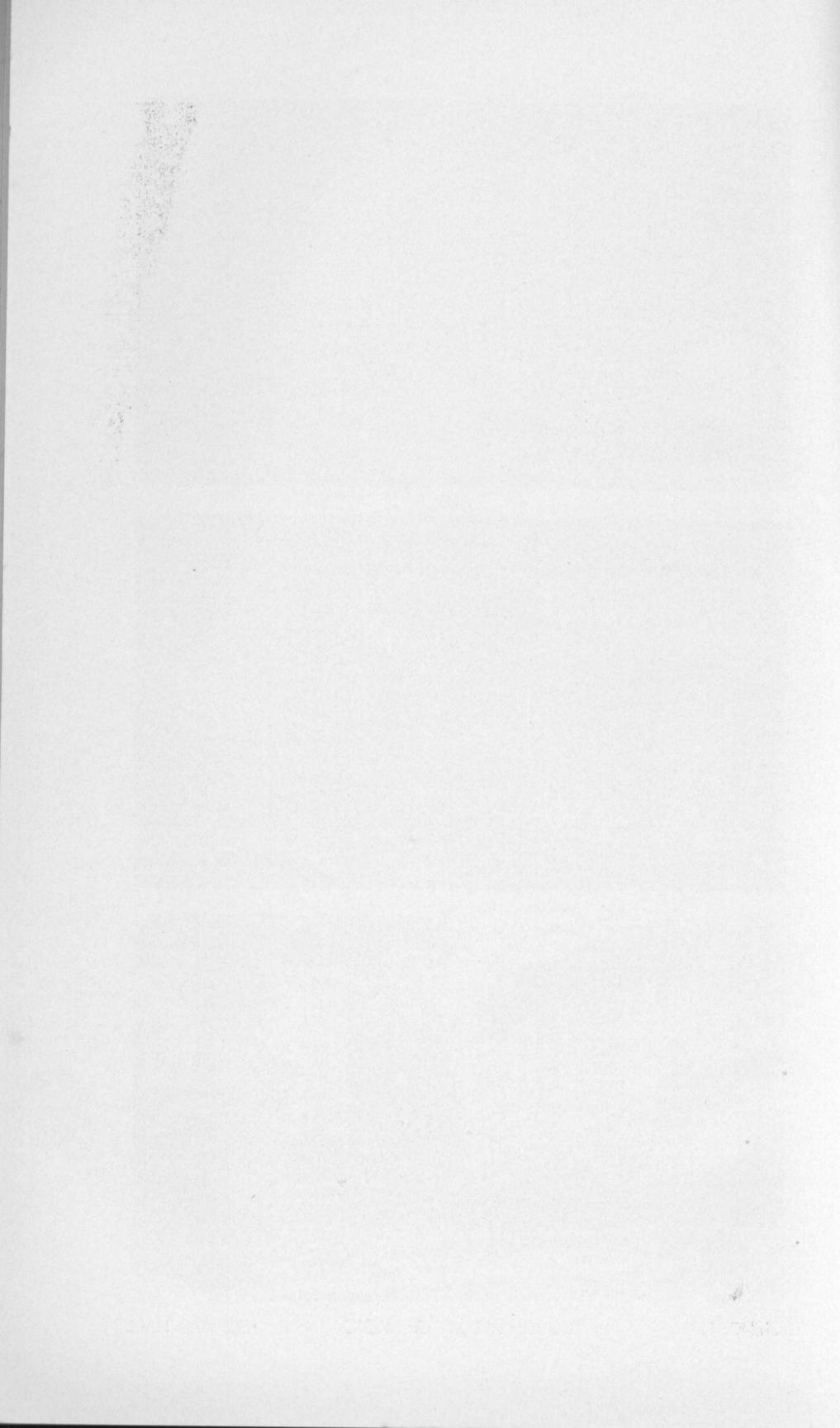
<i>Autumn Quarter</i>	<i>Credits</i>	<i>Winter Quarter</i>	<i>Credits</i>	<i>Spring Quarter</i>	<i>Credits</i>
Bible	2	Bible	2	Bible	2
Freshman English	3	Freshman English	3	Freshman English	3
Physiology	3	Physiology	3	Physiology	3
Health Principles	3	Bacteriology	3	Bacteriology	3
Pre-nursing Chem.	3	Pre-nursing Chem.	3	Pre-nursing Chem.	3
History of Nursing	2	History of Nursing	2	History of Nursing	2
Physical Education	½	Physical Education	½	Physical Education	½



SCIENCE HALL

CONSERVATORY OF MUSIC

CONARD HALL



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 by 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 1940-1941.*

BIBLE

Mr. Burg, Mr. Dalrymple, Mr. Lindsjo

1-2-3. Bible Survey. A course in the fundamental knowledge of the Bible: its books, authorship, pervading principles, stories, songs, and messages unfolding revelation and prophecy to its fulness in Jesus Christ. Groundwork will include a study of Hebrew to the time of Christ, and Hebrew institutions: laws, temple worship, kingship, appearance, and work of prophets. Some attention will be given to Israel's environment, life, and history of contemporary nations, and archaeological data, with consideration of the ability of individual students. Methods and aids to Bible study will be introduced. For students with no secondary credits in Bible. Two credits; autumn, winter, spring; Sec. A., T. Th., 8:55; Sec. B., T. Th., 11:25.

4. *Daniel.* An exegetical study of the book with special attention to the fulfillment of its specific prophecies. A fair knowledge of general history is demanded by the subject. For students with a full academic course in Bible. Two credits; autumn; Sec. A., T. Th., 8:00; Sec. B., T. Th., 10:30; Sec. C., T. Th., 11:25.

5-6. *The Book of Revelation.* An exegetical study of this book with special attention to the fulfillment of its specific prophecies. A fair knowledge of general history is demanded by the subject. For students with a full academic course in Bible. Two credits; winter, spring; Sec. A., T. Th., 8:00; Sec. B., T. Th., 10:30; Sec. C., T. Th., 11:25.

51-52-53. *New Testament Epistles.* An exegetical study of the epistles of the New Testament, attention being given in each case to the time, the 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 that especially deal with fundamentals, will be studied. Lectures, and library assignments, theme work. Two credits; autumn, winter, spring; Sec. A., T. Th., 8:00; Sec. B., T. Th., 1:15.

101, 102, 103. *Advanced Bible Doctrines I.* This course emphasizes the Christian doctrines. Some of the points stressed are: the existence of God; the Father, Son, and Holy Ghost; the inspiration of the Bible; the Spirit of Prophecy manifested in God's remnant church; the second coming of Christ; the state of the dead; the meaning of conversion and redemption; the Sabbath; and similar truths. The text, *Fundamentals of Bible Doctrines*, by Alonzo J. Werner. Text book assignments, lectures. Two credits; autumn, winter, spring; Sec. A., T. Th., 8:00; Sec. B., T. Th., 8:55.

151, 152, 153. *Advanced Bible Doctrines II.* Further study of essential Bible doctrines especially valuable to the Christian believer. Subjects stressed are: the personality, omniscience, and omnipotence of God; the meaning of the Spirit of Prophecy, union with Christ, conversion, justification, sanctification; the second advent of Christ; the resurrection and reward of the righteous and punishment of the wicked; the earth redeemed; God's people forever with God. Text book assignments, collateral reading, lectures, and discussion. Two credits; autumn, winter, spring; T. Th., 11:25.

154-155-156. *Denominational History and the Spirit of Prophecy.* A survey of the history of the Seventh-day Adventist movement, the administration and polity of the denomination. A study also 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; the relation of these writings to the Scripture canon; and a limited topical study of their teachings. Lecture course, with reading requirements and theme work. Two credits; autumn, winter, spring; M. W., 11:25.

157-158-159. *Hebrew Prophets.* A study of 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, em-

phasizing the fundamentals of the gospel as contained therein. Collateral reading; theme work. Three credits; autumn, winter, spring; M. W. F., 8:55.

161-162-163. *Methods of Bible Teaching.* May be offered toward the denominational teacher's certification. Two credits; autumn, winter, spring; hour to be arranged.

164. *Church Polity.* This course for ministerial students deals with the problems of organization and deliberative procedure in the Seventh-day Adventist denomination, such as: the functions and relations of the general, union, and local conference, the churches and the various sub-organizations; the principles and procedure followed in elections, and in receiving, transferring, or dismissing church members; the ordinances of the church, baptism, communion service, the marriage ceremony, etc.,—the principles involved in these and their proper conduct. Three credits; autumn, M. W. F., hour to be arranged.

171. *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 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., 8:55.

172. *The Ancestry of the Bible.* The study of the transmission and translation of the Bible including the formation of the Old and New Testament canon. Some characteristics of the original languages, the principal manuscripts and their history; early versions and their importance; the translations into modern languages; the making of the English Bible; recent work on manuscripts and translations. Three credits; winter; M. W. F., 8:55.

173. *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 is 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., 8:55.

181-182-183. *Homiletics I.* An introduction to the preparation and giving of Bible Studies and sermons. Biblical topics will be organized for presentation; outlines will be prepared. These topics will be presented in class in the form of Bible readings or sermons. Methods of personal work in connection with evangelistic efforts will be discussed. Two credits; autumn, winter, spring; T. Th., 10:30.

184-185-186. *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 experience in performing ministerial work, in preaching, and in leading the church members into the more active lines of Christian service. The class work for these activities is taken up in Homiletics I (see above). Three credits; autumn, winter, spring.

191-192-193. *Homiletics II.* Advanced study in the art of preaching. A standard text will be used. Bible exegesis and evangelism will be studied. Attention will be given to methods of evangelistic advertising, conducting public efforts, church organization, and pastoral work. The course is especially planned for young men looking toward the gospel ministry as a vocation. Three credits; autumn, winter, spring. M. W. F., 8:00.

194-195-196. *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 those truths which God has especially entrusted to us. The class work for these activities is taken up in Homiletics II (see above). Three credits; autumn, winter, spring.

197-198-199. *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 East and West; the rise and development of the papal supremacy; efforts at reform within the Catholic Church; the rise of the Waldensian movement; the declension of the Protestant movement after the death of its founders; the rise of the great second advent movement; modernism and kindred tendencies in the church today; the church as God's instrument for preparing the world for the Lord's return. Textbook assignments; classroom discussion. Three credits; autumn, winter, spring; M. W. F., 11:25.

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. F., 8:55; M. T. W. Th., 10:30; T. 1:15-3:00.

6, 7, 8. *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., 1:15-4:00.

9, 10, 11. *Lettering.* Formulation 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., 8:00.

*12, 13, 14. *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; Japanese design. The course presents the work of some of the most notable modern painters and designers. Two credits; autumn, winter, spring.

21, 22, 23. *Chalk Illustrating*. Of special interest to ministerial students. One-half credit; autumn, winter, spring; T., 1:15-3:00.

BIBLICAL LANGUAGES

Miss Holmden, Mr. Lindsjo

For a major in Biblical Languages 45 credits are required, of which 18-21 credits must be upper division work.

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

I. GREEK

1-2-3. *Greek I*. A study of the Greek language in the vernacular of the first century A. D.: reading from the Epistles and the Gospel of John. Texts: *Beginners' Grammer of the Greek New Testament*, W. H. Davis; *Novum Testamentum Graece*, E. Nestle; a good Greek lexicon. Five credits; autumn, winter, spring; M. T. W. Th. F., 8:55.

51, 52, 53. *Greek II*. Reading from the Revelation, one of the synoptic gospels, and the Acts of the Apostles. Texts of special interest will be discussed in class. The study of the syntax will be continued. Three credits; autumn, winter, spring; M. W. F., 8:00.

101, 102, 103. The reading of the following Pauline Epistles: First and second Thessalonians, first and second Corinthians, Galatians, and Romans. Three credits; autumn, winter, spring; M. W. F., 11:25.

151. *A study of the book of Hebrews*. Three credits; autumn.

152, 153. *Reading of other New Testament Epistles, or from the non-literary papyri, or from the Apostolic Fathers*. Three credits; winter and spring.

Courses 151, 152, 153 may alternate with courses 101, 102, 103.

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; M. W. F., 8:00. (Tuesday to be arranged.)

*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; to be arranged.

* Not offered in 1940-41.

BIOLOGY

Mr. Booth, Miss Marsh

Requirements for a major in biological science:

- (1) A minimum of 45 credits, 25 of which must be upper division;
- (2) Courses 1, 1A, 2, 2A, 11, 58, 60, 195, 196, 197 are required of all majors.

Requirements for a minor in biological science:

- (1) A minimum of 27 credits, 12 of which must be upper division.
- (2) Courses 1, 1A, 2, 2A, 11 are required of all minors.

1-2. Elementary Zoology. A general survey of the animal kingdom with special emphasis on the principals of biology. Three hours attendance. Three credits, autumn, winter; M. W. F., 8:55.

1A-2A. Zoology Laboratory. A laboratory course to accompany Elementary Zoology. This course gives first hand information on many of the type forms. Four hours attendance. One credit, autumn, winter.

6-7. Bacteriology. 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.

11. 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; M. W. F., 8:55.

15-16-17. Anatomy and Physiology. A course open only to pre-nursing and pre-dietetics 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., 8:55.

55-57. Biology. This course is designed for the normal training student, and comprises a detailed study of plants and animals which are of most interest to the elementary teacher. Three hours attendance, four hours laboratory. Four credits; autumn, spring; M. W. F., 11:25.

58. 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. Three hours attendance. Three credits; winter; M. W. F., 11:25.

60. Mammalian Anatomy. A laboratory course on the dissection of the cat. This may be taken with course 57, or independently. Four hours attendance. One credit; winter.

75. Field Biology. Lower division credit for work done in connection with the Field Nature School. (See course 175.)

***101-102-103. College Physiology.** A general survey of physiology and hygiene. Anatomy sufficient to understand physiology is undertaken. Three hours attendance, four hours laboratory. Four credits; autumn, winter, spring; M. W. F., 8:55.

***105-106. Morphology of Plants.** Detailed studies of the type forms of the main plant groups. Autumn quarter: Thallophytes and Bryophytes;

* Not offered in 1940-41.

winter quarter: Pteridophytes and Spermatophytes. Three hours attendance, four hours laboratory. Four credits; autumn, winter; M. W. F., 8:00.

*107. *Taxonomy of Plants*. Principles of classification of plants with emphasis on the Spermatophytes. Three hours attendance, four hours laboratory. Four credits; spring; M. W. F., 8:00.

121. *Microscopical Technique*. A course designed to cover the most important methods of technique in making microscope slide preparations of plant and animal tissues. One hour attendance, eight hours laboratory. Three credits; any quarter. (Time to be arranged.)

*124. *Histology*. A systematic study of vertebrate histology with emphasis on human histology. Two hours attendance, four hours laboratory. Three credits; winter.

135. *Invertebrate Zoology*. A systematic study of marine and fresh-water invertebrates. Prerequisite: courses 1-2. Three hours attendance, four hours laboratory. Four credits; spring; T. Th., 10:30; M., 1:30.

151. *Clinical Bacteriology*. Fundamental public health bacteriological procedures on foods, water, milk, blood, etc. Prerequisite, Bacteriology 6-7. Two hours attendance, two four hour laboratories. Four credits; autumn; T. Th., 10:30.

155. *Vertebrate Zoology*. A systematic study of amphibians, reptiles, and birds, with emphasis on taxonomy and geographical distribution. Prerequisite: courses 1-2. Two hours attendance, four hours laboratory. Three credits; spring; T. Th., 8:55.

157. *Vertebrate Zoology*. A systematic study of mammals with emphasis on taxonomy and geographical distribution. Prerequisite: courses 1-2. Two hours attendance, four hours laboratory. Three credits; autumn; T. Th., 8:55.

156. *Ecology*. The study of principles governing the distribution of plants and animals; studies of typical biotic associations; problems of classification and change of species due to isolation. Prerequisite: courses 1-2. Two hours attendance, four hours laboratory. Three credits; winter; T. Th., 8:55.

175. *Field Ecology*. Given in connection with the Field Nature School. At least three weeks are spent in 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. Prerequisite: course 1-2 or 75. Beginners should register for course 75. Two to four credits; summer. Given in July, 1941.

177-178. *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; autumn, winter; T. Th., 10:30.

195-196-197. *Seminar*. A study of the history of biology, the current biological literature, and the teaching of biology with practical experience in teaching. One hour attendance, four hours laboratory. Two credits, autumn, winter, spring. (Time to be arranged.)

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

* Not offered in 1940-41.

HEALTH

15. *Health Principles*. A study of health promotion including the underlying principles governing the harmonious development of the human body, and also the prevention and control of communicable diseases. Stresses both personal and community health. Three credits; autumn; Sec. A, M. W. F., 8:55; Sec. B, M. W. F., 10:30. Winter: Sec. C, M. W. F., 11:25. Spring: Sec. D, M. W. F., 11:25.

*16-17. *Practical Hygiene and First Aid*. Theoretical and practical instruction in nature and cause of illness, care of the sick, hydrotherapy and Red Cross first aid. A thoroughly practical course every college student should take. Those completing this course will receive the General Conference Home Nursing certificate. Class one hour each week. Laboratory three hours each week. Two credits; autumn, winter.

21-22-23. *History of Nursing*. A summary of general long-time trends in nursing history which have led to the present day conditions, based on world history, denominational history, and the status of women down through the ages. Stresses present trends in nursing education. Two credits; autumn, winter, spring; T. Th., 11:25.

NURSING EDUCATION

121-122-123. *Methods in Nursing Education*. A study of methods of teaching with application to situations in schools of nursing. Ward methods and planning of integrated theoretical, practical and clinical programs. Includes practice teaching. Three hours; autumn, winter, spring; T. Th., 8:55. Other hour to be arranged.

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.

(A) FRESHMAN COURSES:

- 1-2-3. *General Economics*. Nine credits.
- 7-8-9. *Remedial Penmanship*. No credit.
- 11-12-13. *Typewriting*. Three credits.
- 14-15-16. *Principles of Accounting*. Six credits.

(B) SOPHOMORE COURSES:

- 61-62-63. *Business Law*. Six credits.
- 64-65-66. *Business Correspondence*. Three credits.
- 71-72-73. *Principles of Accounting*. Six credits.

(C) UPPER DIVISION COURSES:

- A minimum of 29 credits in Business Administration courses numbered above 100.

* Not offered in 1940-41.

Requirements for the minor in Business Administration:

(A) FRESHMAN COURSES:

1-2-3. *General Economics*. Nine credits.
14-15-16. *Principles of Accounting*. Six credits.

(B) SOPHOMORE COURSES: (Elect six credits)

61-62-63. *Business Law*. Six credits.
71-72-73. *Principles of Accounting*. Six credits.

(C) UPPER DIVISION COURSES: (Elect nine credits)

101-102. *Marketing*. Four credits.
111-112-113. *Advanced Accounting*. Nine Credits.
151-152-153. *Advertising*. Six credits.

Requirements for the major in Secretarial Science:

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

Credits must be presented as follows:

Typewriting. 6 credits.
Shorthand. 21 credits.
Secretarial Training. 6 credits.
Introduction to Business. 3 credits.
Pro-Seminar. 4 credits.

One minor must be in Business Administration. It is suggested that the second minor be in English or Home Economics.

A minor in Secretarial Science requires the following credits:

Shorthand I .....	.9 credits
Shorthand II .....	.6 credits
Typing II .....	.3 credits
Secretarial Work .....	.6 credits
Pro-Seminar .....	.3 credits
Advertising .....	.6 credits

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

1-2-3. *General 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.

4-5-6. *Introduction to Business*. A course in business ethics and business behavior; a study of the business letter, filing, and related office procedures necessary to the operation of a successful business. A review of grammar and spelling will carry throughout the course. One credit; autumn, winter, spring; T., 10:30.

7-8-9. *Remedial Penmanship*. Analysis and practice of legible and fluent handwriting. Students who demonstrate reasonable skill in penmanship will not be required to take this course. One class hour per week. No credit; autumn, winter, spring; Th., 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: 40 words per minute. Three class periods per week; two laboratory periods per week. One credit; autumn, winter, spring; M. W. F., 8:55.

14-15-16. *Principles of Accounting I*. 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. Two credits; autumn, winter, spring; M. W., 8:00.

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., 8:00.

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.

57-58-59. *Secretarial Work*. Training in general office procedure; practical use of modern office appliances. Training in secretarial duties; secretarial ethics. Prerequisite: B. A. 13 and B. A. 23. Class two hours; three hours laboratory per week. Two credits; autumn, winter, spring; T. Th., 1:15.

*61-62-63. *Business Law*. Fundamentals of those branches of law which affect business transactions. Emphasis on contracts and negotiable instruments. Two credits; autumn, winter, spring.

64-65-66. *Business Correspondence*. A course in English organized primarily for students preparing for a business career. Special emphasis is placed on business correspondence. Prerequisite: English 1-2-3. Class one hour. One credit; autumn, winter, spring; T., 10:30.

71-72-73. *Principles of Accounting II*. A continuation of B. A. 14-15-16. The voucher system; corporation accounting; introduction to cost accounting and consolidated statements. Prerequisite: B. A. 14-15-16. Two credits; autumn, winter, spring; T. Th., 8:55.

77-78-79. *Advanced Typewriting*. A continuation of typewriting 11-12-13. Emphasis placed upon increase of speed, accuracy, and skill. Entrance requirement: 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 of the autumn quarter. Speed requirement for 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.

*101-102. *Marketing*. Marketing functions; classes of middlemen; types of selling organization; marketing farm products, raw materials and manufactured goods; retail distribution; cooperative marketing. Two credits; autumn, winter; T. Th., 1:15.

* Not offered in 1940-41.

111-112-113. *Advanced Accounting I.* Problems of single entry; preparation of working papers, balance sheets, and profit and loss statements; advanced partnership and corporation problems; profits; dividends; sinking funds; bonds; study of insolvency; appraisals and valuation of assets; corporation securities. Prerequisite: Course 71-72-73. Three credits; autumn, winter, spring.

*115-116-117. *Advanced Dictation.* Vocabulary study; advanced 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. Two credits; autumn, winter, spring; T. Th., 8:00.

*161-162-163. *Advanced Accounting II.* Problems involving mergers, holding companies, consolidated statements; estate accounting; auditing procedure; balance sheet audits; profit and loss audits; analysis of asset and liability values; auditor's certificates, reports and responsibilities. Prerequisites: courses 111-113. Three credits; autumn, winter, spring; M. W. F., 11:25.

191. *Pro-Seminar, Methods in Teaching Typing in the Secondary Schools.* This course is required of all majors. One credit; autumn; M., 1:15.

194. *Pro-Seminar, Methods in Teaching Shorthand in the Secondary Schools.* This course is required of all majors in secretarial science. One credit; winter; M., 1:15.

198-199. *Pro-Seminar, Methods in Teaching Bookkeeping in the Secondary Schools.* This course is required of all majors. One credit; winter, spring; M., 1:15.

CHEMISTRY

Mr. Thurston, 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
Analytical 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

* Not offered in 1940-41.

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 1-2-3 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 non-metals together with a survey of all the elements. Emphasis is placed on fundamental principles and theories. Three hours attendance. Three credits; autumn, winter, spring; M. W. F., 8:00.

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. Three hours attendance. Two hours laboratory. Three credits; autumn, winter, spring; M. W. F., 8:55.

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., 10:30.

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. *Analytical Chemistry*. This course outlines the general principles underlying both qualitative and quantitative analysis. Emphasis is also placed on chemical arithmetic. Prerequisite: Chemistry 3. Two hours attendance. Two credits; winter, spring; T. Th., 11:25.

62A, 63A. *Analytical Laboratory*. The characteristic reactions of the cations and 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. Four hours laboratory. One credit; winter, spring.

73. *Biochemistry*. A study of foods and products of metabolism. An attempt is made to trace the chemical change in the animal organism. Prerequisite: Chemistry 52. Three hours attendance. Three credits; spring; M. W. F., 11:25.

*73A. *Biochemistry Laboratory*. General experiments on foods are followed by many clinical tests including blood and urine analysis. Pre-

* Not offered in 1940-41.

requisite: Chemistry 52A. Four hours attendance. One credit: spring; hours to be arranged.

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

112, 113. *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. Six hours laboratory and one hour attendance. Three credits; winter, spring; hours to be arranged.

151-152. *Physical Chemistry.* An introductory course in theoretical and electrochemistry. Prerequisite: Physics 3, Chemistry 63, 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. Six 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; 1 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.

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

Miss Neilsen, Mr. Sittner, Miss Foreman

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. Three credits; autumn; M. W. F., 8:55.

* Not offered in 1940-41.

3. *Principles of Education.* A study of the underlying principles of Christian education. Three credits; spring.

8. *Educational Psychology I.* This course presupposes a knowledge of the general principles of the science of psychology, and deals especially with the application of those principles to the art of teaching. Three credits; winter; M. W. F., 10:30.

33. *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-F.

111. *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; autumn; M. W. F., 11:25.

112. *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 a Christian society. Three credits. Winter; M. W. F.

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 curriculm offerings. Prerequisite: Junior standing. Three credits; autumn; M. W. F., 8:55.

122. *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; winter; M. W. F., 8:55.

129. *School Home Administration.* A course open to a limited number of stuendts chosen by the instructor from the classes in Human Relations and Cultural Foundations. It is designed especially for those interested in school home work in boarding schools, and covers 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. Two credits; spring; T. Th.

132. *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; winter; M. W. F., 11:25.

133. *Guidance in Secondary Schools.* Principles and methods involved in educational, vocational, and general life guidance in junior and senior secondary schools. Characteristics of modern personnel organizations and guidance programs. Prerequisite: General or educational psychology and Course 121. Three credits; spring; M. W. F., 8:55.

136. *Educational Tests and Measurements.* Designed to give the student a comprehensive view of the uses of standard tests and scales in elemen-

tary 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: General or educational psychology. Three credits; spring; M. W. F., 10:30.

141. *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., 10:30.

*152. *History of Education.* This course gives the student an outline of the leading educators and of the educational developments from ancient times to the present. Emphasis will be placed upon modern educational development. Four credits; winter; M. T. W. Th., 11:25.

ELEMENTARY TEACHER TRAINING

Miss Nielsen

Miss Johnson, Mrs. Bowers, Miss Smith, Mrs. Lindsjo

2. *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.

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

12. *Industrial Arts.* Covering the teaching in the grades of elementary woodwork, and home economics. Three credits; time to be arranged.

21. *Teaching Techniques.* Objectives and modern methods in the teaching of reading. Three credits; autumn; M. W. F.

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

23. *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. Three credits; spring; M. W. F.

31, 32, 33. *Directed Teaching I.* Observation and teaching in the Training School. Problems of method, management, and testing of achievement are met and solved in practical class room situation. Enrollment only with permission of the Director of the Training School. Prerequisite: Scholarship average of C. One credit; autumn, winter, spring; M-F. Time to be arranged.

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. Total possible seven credits for autumn, winter, spring. Time to be arranged for each student.

* Not offered in 1940-41.

106. *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; spring; M. W. F.

SECONDARY TEACHER TRAINING

Mr. Sittner

161. *Techniques in Secondary Subjects.* This course is open to upper classmen 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. Th., 8:55.

163. *Observation and Practice.* 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 or spring; time to be arranged.

199C. *Teachers' Special Methods in Chemistry.* (See announcement under Department of Chemistry; course 197, 198, 199.)

199E. *English Pro-Seminar.* (See announcement under Department of English, Course 199.)

199H. *Pro-Seminar.* Problems connected with historical materials and methods. This course is required of all majors and minors in history. One credit; winter, spring; hour to be arranged.

199M. *Methods in Secondary Mathematics.* Covers objectives and methods in the various courses of secondary mathematics. Attention will be given especially to methods in those topics which present special difficulties in the secondary field. Open to majors and minors in mathematics. Three credits; autumn; M. W. F., 11:25.

199P. *Pedagogy of Physics.* (See announcement under Department of Physics, Courses 191, 192, 193.)

PSYCHOLOGY

1. *General Psychology.* This course aims to give the student a knowledge of the most important facts and principles of psychology. It provides a scientific basis for courses in education and an introduction to the field of psychology. Three credits; autumn; Sec. A., M. W. F., 10:30; Sec. B., M. W. Th., 2:10.

*139. *The Measurement of Intelligence.* An examination of the theory and practice of mental testing. Effective use of the Simon-Binet individual tests; group scales. Prerequisite: General or educational psychology. Three credits; spring.

SOCIOLOGY

Miss Neilsen, 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.

* Not offered in 1940-41.

7. *Human Relations*. A general course designed to acquaint the student with the ethics of proper associations, standards of community life in a Christian college, the responsibilities of a cultured individual in society, and to develop a Christian perspective concerning the problem of marriage and home building. Two credits; autumn; T. Th., time to be arranged.

8. *Cultural Foundations*. A survey of the cultural heritage of the race of the best in music, art, literature, ethics, and other appreciations. Competent guest lecturers will frequently appear before the class. Two credits; winter; T. Th.

ENGLISH AND JOURNALISM

Mr. Little, Mr. Lewis, Mr. Aplington, Mr. Airey

This department has four sections: composition, literature, journalism, and speech. A major is offered in literature; a minor is offered with the chief emphasis on composition; a minor is offered in journalism; and a minor is offered in speech. Except for the vocational printing courses in journalism, courses on the freshman level do not apply on a major or minor.

Three groups of upper division courses are arranged as follows:

GROUP I

- Old and Middle English (101-102)
- English Renaissance Literature (107-108)
- Milton (111)

GROUP II

- Neo-Classic Literature (117-118)
- The Romantic Period (121-122)
- The Victorian Period (125-126)

GROUP III

- Literature of the English Bible (152-153)
- American Literary Masters (137, 138, 139)
- Western World Literature (161, 162-163)
- Dramatic Literature (185-186)

Requirements for a major in English:

	CREDITS
Literary Elements (51)	2
American Literature (64-65-66)	6
English Literature (74-75-76)	9
Historical Grammar and Linguistics (166) [prescribed only for those seeking departmental recommenda- tion as teachers]	0-3
Pro-seminar (199)	3
One writing course above the freshman level	6
One full course from each of two upper division groups above	7-12

Additional hours selected from the upper division groups above to complete the major total	4-12
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English history is required of English majors and American history is recommended.

A minor in English literature 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.

A minor to accompany an English major may not be in composition and must be in a field with logical correlation, such as history, modern language, journalism, speech.

Adjustments in the requirements set forth herein may be made with the approval of the department and the registrar of the college when it is apparent that the student may work to better scholastic advantage with the adjustments.

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, 8:00; Sec. B, 8:55; 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; Sec. F, 11:25.

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.

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

* Not offered in 1940-41.

prerequisite to the literature classes unless the student shows that he has a working familiarity with the elements of literature. Two credits; autumn; T. Th., 8:55.

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., 8:00.

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., 8:55.

*81. *Modern Poetry*. A study of the new movements in English and American poetry from Thomas Hardy up to the present. Two credits; winter.

*82. *Modern Prose*. A study of the best significant prose of various types in America and England since Victorian dominance. Two credits; spring.

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. *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, winter; M. W. F., 10:30.

107-108. *English Renaissance Literature*. Detailed exploration in the more significant literary works that reflect the essential doctrines of the Renaissance period. Three credits; autumn, winter; M. W. F., 10:30.

*111. *Milton*. A study of the poetry and more important prose of John Milton in the historical and cultural setting of the time. Three credits; spring.

117. *Restoration and Neo-classic Literature*. Neo-classic ideals and achievements as reflected in the chief writers of the time from Bunyan to Johnson. Five credits; autumn; M.-F., 8:00.

*121-122. *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. Three credits; autumn, winter.

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. Three credits; winter, spring.

*137, 138, 139. *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, spring.

* Not offered in 1940-41.

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

*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 an elementary survey of linguistics and historical grammar, but the chief emphasis is on present-day grammar and its tendencies. Three credits; spring.

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; winter, spring.

199. *English Pro-seminar*. An integrating course required of English majors in the senior and recommended to minors. The study includes: aims, methods, and materials of English scholarship; a synthesis of American, English, and comparative literatures; investigation of problems peculiar to the class personnel; group conferences and reports. Three credits; spring.

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. Among his prescribed and elective courses he should include 22 credits of social science, 3 credits of typewriting, 4 credits of psychology, and 15 credits of literature. The head of the department must approve the courses of students minoring in journalism. 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., 11:25.

*140. *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.

* Not offered in 1940-41.

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.

*150. *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 the division of speech. Requirements: Twenty-seven credits, including Speech 1-2-3, 61-62, 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 Speech students have access to microphones and broadcasting 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., 8:55; Sec. B, T. Th., 10:30.

*50. *Parliamentary Procedure*. The theory and practice of parliamentary law, with much participation by all class members. Two credits; autumn.

*51, 52. *The Short Speech*. Study and practice of the short speech for various occasions, under the stimulus of model organizations. Prerequisite: Speech 50. Two credits; winter, spring.

*61-62. *The Speaking Voice*. A study of the voice mechanism and correction of defects in voice production, articulation, accent, and bodily coordination. Two credits; autumn, winter.

*63. *Oral Reading*. A course in reading from the page with fluency and effectiveness; reading from the Bible; choral speaking. Two credits; spring.

*104. *American Oratory*. A study of masterpieces of oratory. Three credits; autumn.

*105. *Oral Interpretation*. Practice in memoriter reading and choral speaking. Prerequisite: Speech 61-62. Three credits; winter.

*106. *Public Lecturing*. A course in the use of illustrative and demonstration material as well as in the presentation of the straight platform speech of greater length. Prerequisite: Speech 1-2-3, 61-62. Three credits; spring.

* Not offered in 1940-41.

151-152-153. *Radio Speaking*. Continued study of microphone technique, practice in announcing, the preparation and presentation of programs for broadcasting. Prerequisites: Speech 1-2-3, 61-62. Two credits; autumn, winter, spring; one class and one laboratory appointment each week to be arranged.

HISTORY

Mr. Christian, Mr. Airey, Mr. Lindsjo

The minimum college history requirement may be met by completing one of the following:

1-2-3. *Survey of European History*. This is strongly urged as a general course for those not desiring to take more than the required nine-credit minimum in history, and as a basic course for those desiring to do further work in the department.

71, 72, 73. *American History*. Meets the minimum requirement in history for the normal course. May be substituted by others than normal students for History 1-2-3 only by special permission of the head of the history department.

61, 62, 63. *English History*. May be substituted for History 1-2-3 only by special permission of the head of the department. English majors who desire such substitution should present the recommendation of their major professor.

51, 52, 53. *Ancient History*. May be substituted for History 1-2-3 only by special permission of the head of the department. Students in the School of Theology who desire such substitution should present the recommendation of their dean.

Students will be held for the following requirements for a major in the department of history:

I. *Absolute Requirements*. Total—thirty-eight credits.

1-2-3. *Survey of European History*. Should be taken during consecutive quarters in the freshman year. Nine credits.

71, 72, 73. *American History*. Recommended to be taken during the sophomore year. Nine credits.

61, 62, 63. *English History*. Nine credits.

51, 52, 53. *Ancient History*. Nine credits.

198, 199. *Pro-Seminar*. Two credits.

II. *Elective Requirements*. Total—Sixteen credits.

1. The student is to elect, with the approval of the head of the department, courses numbered 100 or above to meet this requirement, subject to the following regulations:

a. At least six elective credits must be presented in European History.

b. At least six elective credits must be presented in American History.

III. *General Requirements*.

1. A minimum of twenty-seven credits carrying upper division credit must be presented.

2. A major thesis, giving evidence of ability to conduct historical

research and criticism, must be presented at least six weeks prior to the date of graduation.

3. Foreign language requirements should be completed during the freshman and sophomore years, so that upper division work in history may be carried on with greater effectiveness.

4. Majors in history should consult their major professor in the choice of their minor subject, and of other elective courses.

Students will be held for the following requirements for a minor in the department of history:

I. *Absolute Requirements.* Total—Eleven credits.

1-2-3. *Survey of European History.* Should be taken during consecutive quarters in the freshman year. Nine credits.

198, 199. *Pro-Seminar.* Two credits.

II. *Elective Requirements.* Total—Eighteen credits.

A. Choice of one of the following:

51, 52, 53. *Ancient History.* Nine credits.

61, 62, 63. *English History.* Nine credits.

71, 72, 73. *American History.* Nine credits.

B. Choice of courses numbered 100 or above. Nine credits.

III. *General Requirements.*

Students who propose to minor in history should consult the head of the department regarding their choice of elective requirements.

1-2-3. *Survey of European History.* General survey of European history and its world relationship from the Roman Empire to the present. Three credits; autumn, winter, spring; Sec. A., M. W. F., 8:00; Sec. B., M. W. F., 11:25.

*51, 52, 53. *Ancient History.* Survey of the ancient, oriental, Greek and Roman worlds. Upper division credit by arrangement with instructor. Three credits; autumn, winter, spring; M. W. F., 10:30.

61, 62, 63. *English History.* The development and expansion of the English people from the earliest times to the present. Upper division credit by arrangement with instructor. Three credits; autumn, winter, spring; M. W. F., 8:55.

71, 72, 73. *American History.* A survey of the colonial period, followed by a more detailed study of the national period. Upper division credit by arrangement with instructor. Three credits; autumn, winter, spring; Sec. A., M. W. F., 8:55; Sec. B., M. W. F., 10:30.

*111. *The Age of the Renaissance.* Stresses the Italian Renaissance, the Northern Renaissance, and the great discoveries. Prerequisite: History 1-2-3. Three credits; autumn.

*112. *The Reformation to 1555.* Will treat of the Lutheran Reformation to the Peace of Augsburg. Prerequisite: History 1-2-3. Three credits; winter.

*113. *Western Europe from 1555 to 1648.* The spear of Calvinism, the Catholic Reformation, the revolt of the Low Countries, and the Thirty Years' War. Prerequisite: History 1-2-3. Three credits; spring.

121, 122, 123. *Medieval History.* An intensive study of the Middle Ages: the break-up of the Roman Empire; the origins of the European nations; Mohammed and the Moslems; medieval life, religion, and institutions; the

* Not offered in 1940-41.

Renaissance and the preparation for the Reformation, with the great discoveries opening the world for modern history. Three credits; autumn, winter, spring; M. W. F., 10:30.

131. *Europe, 1815-1871.* The struggle between the forces of liberalism and reaction, and the growth of nationalism between 1815 and 1871. Prerequisite: History 1-2-3. Two credits; autumn; T. Th., 8:55.

132. *Europe, 1871-1914.* A study of the period from 1871 to 1914, with emphasis on the situations which brought on the World War. Prerequisite: History 1-2-3. Two credits; winter; T. Th., 8:55.

133. *Europe Since 1914.* The war and the attempt to create a new world order, post-war internal changes in individual countries, and problems in international relations. Prerequisite: History 1-2-3. Two credits; spring; T. Th., 8:55.

141, 142, 143. *Current History.* A study of contemporary national and international affairs, based upon an investigation into causal factors. Current magazines, newspapers and books are used. Prerequisite: History 1-2-3 or 71, 72, 73. Two credits; autumn, winter, spring; T. Th., 11:25.

151. *The American Frontier.* Interpretation of the westward movement from colonial times to the end of the War of 1812. Prerequisite: History 71, 72, 73. Two credits; autumn; T. Th., 10:30.

152. *The American Frontier.* Expansion of the American West from 1815 to 1860. Prerequisite: History 71, 72, 73. Two credits; winter; T. Th., 10:30.

153. *The American Frontier.* Development of the American West from 1860 to the present. Prerequisite: History 71, 72, 73. Two credits; spring; T. Th., 10:30.

*161. *Colonial Latin America.* Physiography, aboriginal history and cultures, the era of discovery, and the chief characteristics of colonial life. Prerequisite: History 1-2 or 71-72. Two credits; autumn.

*162. *Latin American Nations.* A brief summary of the wars for independence, followed by a more detailed consideration of the history and problems of the individual nations to the present. Prerequisite: History 2-3 or 72, 73. Two credits; winter.

*163. *Latin America in World Politics.* A study of the outstanding political, economic, and cultural relations of Latin America and other nations. Prerequisite: History 2-3 or 72-73. Two credits; spring.

171. *American Diplomatic History.* The principal diplomatic controversies and their settlement from the American Revolution to the end of the Mexican War. Prerequisite: History 71-72. Two credits; autumn; T. Th., 8:55.

172. *American Diplomatic History.* The principle diplomatic controversies and their settlement from the end of the Mexican War to the beginning of the World War. Prerequisite: History 71-72-73. Two credits; winter; T. Th., 8:55.

173. *American Diplomatic History.* The principle diplomatic controversies and their settlement from the beginning of the World War to the present. Prerequisite: History 71-72-73. Two credits; spring; T. Th., 8:55.

*181. *The Old Regime.* A general survey of eighteenth-century Europe, with special attention to France. Conditions which led to the French Revolution are stressed. Prerequisite: History 2. Two credits; winter.

* Not offered in 1940-41.

*182. *The French Revolution*. A detailed study of the various phases of the French Revolution. Prerequisite: History 2. Two credits; winter.

*183. *The Age of Napoleon*. The rise of Napoleon; his domestic and foreign policies; the downfall of his system. Prerequisite: History 2. Two credits; spring.

191, 192, 193. *Independent Reading in History*. Open only 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.

198, 199. *Pro-Seminar*. Problems connected with historical materials and methods. This course is required of all majors and minors in history. Recommended in the junior year. One credit; autumn, winter; T., 1:15.

HOME ECONOMICS

Miss Schluntz, Mrs. Van Ausdle

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 the 45 credits in Home Economics: Chemistry 1-2-3, 51-52, and 73; Bacteriology 6-7, and eight credits in Physiology. Those preparing for homemaking or for secondary school teaching take the following courses: Chemistry 1-2-3, Bacteriology 6-7, and eight credits in Physiology.

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., 8:55. Laboratory, M. or W., 1:15-4:00.

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. Spring; M. W., 8:55. Laboratory, M. or W.

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

42. *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 4. Two credits; winter; T. Th., 10:30-12:15.

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

71. *Elementary Clothing.* Fundamental processes of hand and machine sewing. Design and construction of garments of washable materials. Study of alterations, fitting problems and use of commercial patterns. Three credits; autumn; T. Th., 1:15-4:00.

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 principles of construction applied to wool and silk material. Problems in pattern designing and making of various types of sleeves, collars, plaits, and flares. Three credits; winter spring; T. Th., 1:15-4:00.

87. *Consumer Buying.* A study of the homemakers problems in buying textiles, clothing and household materials with emphasis on the economic principles involved. Three credits.

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 4. Three credits; spring; M. W. F., 11:25.

126. *Household Management.* Management problems of the home-maker in regard to income, time, labor, and family relationships. Study of the selection, operation, care and arrangement of household equipment.

134. *Tailoring.* Principles involved in making suits and coats for women. Open only to those who show skill in construction of garments. Prerequisite: Course 72-73. Three credits; autumn; M. W., 1:15-4:00.

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., 1:15-4:00.

*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.

*143. *Child Nutrition.* Study of nutrition, health, and growth in children, the correction of same. Three credits; spring.

161-162. *Nutrition.* A scientific study of nutrition involving digestion and metabolic processes and products; selection of an optimal diet for health; recent investigations of nutritional deficiency diseases. Prerequisites: Course 1-2-3, and General Chemistry; prerequisite or parallel: Chemistry of Foods. 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.

171-172. *Institutional Training.* This course offers practical work in the school cafeteria for those who are interested in doing advanced 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.

* Not offered in 1940-41.

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 of Home Economics. One credit; spring.

LIBRARY SCIENCE

Mrs. Sittner

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

MATHEMATICS

Mr. Davidson

The courses in mathematics are designed to give one the valuable training and discipline of mathematical study, and to provide a foundation for the study of the physical sciences. The requirements for a major in mathematics are 45 credits, including the courses 5, 7, 51-52-53.

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., 8:55.

4. *Solid Geometry*. The methods of plane geometry as applied to the geometry of space with many problems in practical applications. Two credits; autumn; T. Th., 11:25.

5. *Trigonometry*. A study of the six trigonometric functions and their use in the solution of the triangle. Four credits; winter; M. T. W. F., 8:55.

6. *Analytic 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., 8:55.

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. Three credits; autumn, winter, spring; M. W. F., 10:30.

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., 8:00.

102. *Spherical Trigonometry*. Elements of trigonometry as applied to the spherical triangle and to navigation and astronomy. Two credits; winter; M. W., 11:25.

193. *Solid Analytic Geometry*. Typical equations of the plane, sphere, paraboloid, hyperboloid, and ellipsoid and their relation to rectangular and polar coordinates. Two credits; spring; M. W., 11:25.

* Not offered in 1940-41.

*111-112-113. *Differential Equations.* The solutions of the various types of differential equations with applications to problems in physics, engineering, and geometry. Two credits; autumn, winter, spring.

116. *Advanced Calculus.* A study of power series, definite integral, partial differentiation, multiple integrals, and other topics. Five credits; spring.

121-122-123. *Projective Geometry.* An introduction to the field of higher geometry touching such subjects as duality, collineations, involutions, and the conic and its analytic treatment. Two credits; autumn, winter, spring; T. Th., 10:30.

*131-132. *Theory of Equations.* Further study of complex numbers, solutions of cubic and quartic equations, symmetric functions, determinants, resultants, and discriminants. Two credits; autumn, winter.

*193. *Methods in Secondary Mathematics.* Covers objectives and methods in the various courses of secondary mathematics. Attention will be given especially to methods in those topics which present special difficulties in the secondary field. Open to majors and minors in mathematics. Two credits; spring.

MODERN LANGUAGES AND LITERATURES

Miss Sorenson, Miss Holmden

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 German or French 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 an elementary course, or fifty-eight credits of two languages, with the grouping thirty-six and twenty-two credits respectively.

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.

* Not offered in 1940-41.

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.

53-54-55. *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.

56. *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., 8:55.

*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 the works of the most representative authors. Lectures, collateral reading, and reports. Three credits; autumn.

*151. *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, autumn.

*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 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.

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; autumn, winter, spring.

FRENCH

1-2-3. *Elementary French*. Grammar, composition, and reading. Pronunciation is taught phonetically. Students with high school credits will be admitted upon the basis of one high school semester counting as the equivalent of one college quarter. Five credits; autumn, winter, spring; M. T. W. Th. F., 10:30.

51-52-53. *French Reading*. Selected readings from standard French authors. A course designed for intermediate students who desire a good 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. *French Composition and Conversation*. Grammar and composition drills and idioms. May be combined with 51-52-53 to make a five-hour course. Prerequisite to the course in Advanced Composition, and required by majors. Two credits; autumn, winter, spring; T. Th., 11:25.

58. *Scientific French*. A course projected for scientific students who wish to acquire a practical reading knowledge of technical French. Material selected from the various sciences will be read. Three credits; winter.

101-102-103. *Introduction to French Literature*. A survey of the history of French literature. Lectures, reports, outside reading. The main currents in the development of the various branches of French literature up to the beginning of the nineteenth century, with a study of representative authors. Three credits; autumn, winter, spring; M. W. F., 8:00.

*104. *French Literature of the Nineteenth Century*. Course 101-102-103 continued. A study of French romanticism with special attention to Hugo, Musset, Lamertine, and DeVingy. Lectures and discussions on the precursors of the movement. Three credits; autumn.

*105. *French Literature of the Seventeenth Century*. A study of the best works of the classic period. Special consideration of the social, philosophic, and religious influences on the literature, illustrated in the works of the most representative authors. Lectures, collateral reading, and reports. Three credits; spring.

*106. *Advanced Composition and Conversation*. Emphasis on linguistic accuracy both in comprehension and reproduction. Training in formal and informal written and oral expression, aural comprehension, and the accurate determination of the value of the printed word. Continued study of idioms. Study and practice in peculiarities of style and other difficulties of the written and spoken language. Exercises in extended verb formation. Three credits; spring.

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

* Not offered in 1940-41.

154, 155, 156. *French 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. Autumn, winter, spring.

MUSIC

Mr. Johnson, Mr. Walker, Mr. Gernet

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

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

1-2. *Fundamentals of Music*. A class especially designed for ministerial and normal training students, dealing in the study of elementary techniques of sight-singing, voice-production, directing, chord and scale-structure, meaning of significant musical terms; study of hymns and tunes; biographical sketches of eminent composers, etc. One credit; autumn, winter; T. Th., 2:10.

4-5-6. *Melodic, Rhythmic, and Harmonic Dictation*. Sight-singing prerequisite. A course aimed at the development of power to recognize through the aural sense, music of moderate complexity as to melodic, rhythmic, and harmonic content. One credit; two hours a week; autumn, winter, spring.

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; M. W., 1:15.

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. One-half credit; autumn, winter, spring; M., 2:10.

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.

21, 22, 23. *Elementary Class for Piano*. One credit; two hours a week; autumn, winter, spring.

24, 25, 26. *Instrumental Ensembles*. Trios, quartets, sextettes. Various combinations of woodwind and brass instruments. One credit; autumn, winter, spring; M. F., 3:05.

19. *Piano Ensemble*. A study of four and eight-hand piano compositions and arrangements of standard symphonies, overtures, etc. Upper division students may receive upper division credit. One credit; spring.

33. *Music in the Elementary School*. Main objectives for teaching music in grades. Organization of course, teaching of the rote songs, part singing, appreciation of music, care of children's voices. Three credits; spring; time to be arranged.

51, 52, 53. *General 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; M. W., 2:10.

54, 55, 56. *Sight-Singing*. A practical course developing the ability to sing fluently at sight material of the difficulty of the average art-song or chorus. One credit; autumn, winter, spring; T. Th., 10:30.

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., 1:15.

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; W., 2:10.

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.

71. *Advanced Sight-Singing*. A more concentrated course in sight-singing designed for majors in music. One credit; autumn; M. W., 2:10.

72, 73. *Music Teaching (Piano)*. This class 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.

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.

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.

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. Two credits; autumn, winter, spring; M. W., 8:55.

114-115. *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.

116. *Keyboard Harmony*. This course, supplementing the theoretical ones, includes the laying of chord progressions, sequences, modulation, and harmonization of smaller forms. Two credits; spring.

121-122-123. *Counterpoint*. Principles of two, three, and four part strict counterpoint, canon, invention, fugue, and contrapuntal harmonization. Analysis of the Well-Tempered Clavichord. Two credits; autumn, winter, spring; M. W., 3:05.

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.

134-135-136. *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 S. Palouse St., 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:

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

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, Wieniawska, 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 insisted upon.

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: 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, vocalizations for tone production, and simple old English classics and modern songs to assist tone production through articulation and diction. Glenn's *Art Songs for School and Studio*, Volumes I and II, are used from which four songs are chosen, in addition to fourteen English Classics and two easy oratorio arias.

Sophomore Year: Continuation of technical studies for development of the necessary qualities of the individual voice. Four additional songs from a selected list; three songs selected from "Bergerettes" by Weckerlin. Three Italian songs from Volume I of Italian Anthology; two French songs from a list by Faure, Massenet, Debussy, Widor, Vidal, Lala, and Hahn; two recitatives and arias in English from "St. Paul," "Messiah," "The Creation," and "Elijah."

Junior Year: Seven additional German songs from a list by Brahms, Wolff, Tschaikowsky, Strauss, and Beethoven; five songs in English from a list by Rachmaninoff, Gretchaninov, Chadwick, Parker, Shaw, Coleridge,

Taylor, or equally representative composers; two Italian songs from a list by Donaudy, Sibella, Wolf-Ferrari; four additional French songs from a list by Debussy, Baton, Fourdrain.

Senior Year: Continuation of language study is required. Three additional French songs from a list by Ravel, Lully, Debussy, Massenet, etc.; three additional German songs from a list by Schubert, Schumann, Strauss, and Brahms; three additional Italian songs from a list by Arditi, Brogi, Leoncavallo, Giannini, Sadero; three additional English songs from a list by Hageman, Weaver, Carpenter, Campbell-Tipton, etc.; two additional arias in English, Italian, or German, suited to the individual voice. Preparation of program or programs for graduation recital, selected from the repertoire acquired in the previous grades; public recital; appearance with orchestra upon recommendation of the music faculty.

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.

PHYSICS

Mr. Kretschmar

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, 5, 6, and 51-53 in mathematics.

51, 52, 53. *General Physics.* An introductory course in general physics, mechanics, and the properties of matter, electricity, light, and modern physics. Demonstrations, lectures, problems, and textbook work. Basic mathematical principles are emphasized. Three credits; autumn, winter, spring; M. W. F., 8:55.

51A-52A-53A. *Experimental Physics.* A laboratory course to accompany General Physics. Consists of quantitative experiments, following the general outline of *Laboratory Physics* by Taylor, Watson, and Howe. One credit; autumn, winter, spring; Sec. A, Sun., 8:30-12:00; Sec. B, Tues., 1:15-4:45.

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., 10:15. Field work, Sunday, 1:00-4:00, Tuesday, 1:15-4:45.

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., 1:15-5:30; Sec. B, T. Th., 1:15-5:30.

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.

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 105. Two credits; winter.

*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.

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.

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

* Not offered in 1940-41.

PHYSICAL EDUCATION

Mr. Losey

All students using the gymnasium must wear gymnasium shoes and suits. The girl's suit consists of white blouse and blue shorts. The boys wear a gray suit consisting of trunks, athletic shirts, and sweat shirts. These may be purchased 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.* Required in freshman year. The work in this course includes free exercises adapted from the Swedish and German systems, marching, games, and exercises with apparatus. Swimming may be elected in the spring quarter. Separate classes for men and women. One-half credit; autumn, winter, spring; men: M. W., 11:25 & 2:10; women: T. Th., 11:25 & 2:10.

4, 5, 6. *Physical Education II.* Required in sophomore year. Continuation of Physical Education I with advanced exercise and cadet teaching in the spring quarter. One-half credit; autumn, winter, spring; men: M. W., 4:00; women: T. Th., 4:00.

7, 8, 9. *Remedial Calisthenics.* This course is recommended for students with physical defects and improper habits of posture and walking. One-half credit; autumn, winter, spring; men: T. Th., 3:05; women: M. W., 3:05.

11, 12, 13. *Playground Methods.* This course includes games suited to elementary schoolroom and playground. Students have practical work in directing play activities. One-half credit; autumn, winter, spring; time to be arranged.

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-half credit; autumn, winter, spring.

51-52-53. *Medical Corps 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 hygiene; marching; calisthenics. Two hours attendance; four hours laboratory. Two credits; autumn, winter, spring; T. Th., 1:15.

71, 72, 73. *Medical Corps Training.* Advanced training in the duties of a medical soldier, including instruction in leadership and the art of commanding men. Those taking this course act as officers of the beginning

class. Prerequisite: Medical Corps Training 51-52-53 or equivalent, and permission of the instructor. One-half credit; autumn, winter, spring.

POLITICAL SCIENCE

Mr. Airey

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; M. W. F., 10:30.

3. *American and Municipal Government.* The development of American cities and their place in our political system, the various types of city government, and contemporary problems. Three credits; spring; M. W. F., 10:30.

*51. *Comparative European Governments.* A study of the historical development of the major western European states, with emphasis placed on contemporary problems. Upper division credit by arrangement with instructor. 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.

Department of Vocational Instruction

AUTO MECHANICS

Mr. Schiller

1-2-3. *Auto Mechanics.* A practical study of the details of modern automobile engines, transmission 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.

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,

* Not offered in 1940-41.

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, 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 7-8-9 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.

7-8-9. *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.

11-12-13. *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.

WOODWORK AND CARPENTRY

Mr. Emmerson

1-2-3. *Technical Drawing.* Descriptive geometry, lettering, problems, working drawings, pictorial drawing. The student is allowed 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. Two credits; autumn, winter, spring; T. Th., 1:15-4:15.

4-5-6. *Cabinet Making.* Special stress is laid on good construction, good design, and exactness in all work. Care and use of tools, sharpening tools, period designs in furniture, original designs, glue and its uses, finishing, use and operation of machinery. End tables, cedar chests, flower stands, cabinets, desks, etc., may be made during the year. Three credits; autumn, winter, spring; recitation T., 2:10; shop open except Sunday and Friday afternoons.

7-8-9. *Wood Turning.* Spindle, face plate, and chuck turning. Exercises, assigned projects, and original designs. Wood finishing, metal spinning. Two credits; autumn, winter, spring; shop open except Sunday and Friday afternoons.

10-11-12. *Painting.* Stains, fillers, paints, enamels, varnishes, with their application and use. Selection and care of brushes and equipment. Particular study of color combinations and pleasing tone. Two credits; autumn, winter, spring.

13-14-15. *Carpentry I.* 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., 1:15-5:15.

101-102-103. *Advanced Technical Drawing.* Completed drawings, working drawings, presentation sketches, freehand sketching, house planning. Opportunity to specialize in the line of the student's interest is given in the projects of this course. Prerequisite: course 1-2-3. Two credits; autumn, winter, spring; time to be arranged.

104-105-106. *Carpentry II.* Contracts, plans, specifications, estimating, design of buildings, foremanship. Reinforced concrete design and forms, mill construction, structural timber, trusses. Building materials and equipment. Three credits; autumn, winter, spring. Prerequisite: course 13-14-15.

109. *Design.* Spot and line composition. Period styles of furniture. Original designs aimed at combining usefulness and structural excellence with beauty and grace of form. Prerequisite: course 1-2-3. Two credits; 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.

4-5-6. *Baking.* A continuation of the above vocational instruction with sales practice. Three credits; autumn, winter, spring.

PART IX

The School of Theology

G. W. BOWERS, Ph. D., *President*
FRANCIS M. BURG, S. T. B. *Acting Dean*
Gwynne DALRYMPLE, B. Th., *Professor of Applied Theology*
and *Applied Theology*
HOLGER LINDSJO, B. A., *Associate Professor of Church History*
and Applied Theology
HOLGER LINDSJO, B. A., *Instructor in Hebrew and Bible Antiquities*

Organization

The School of Theology is incorporated under the administration of the College, and the members of the School are subject to all the regulations of the College pertaining to financial obligations, secondary school records, social forms, and general conduct (cf. pp. 16-35). The academic year, periods of examination and length of class hours run concurrently with those of the College, and all its facilities for manual work and study 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 preparatory 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 entrance must be completed before admission. A certificate or transcript of record from an accredited institution must be submitted as evidence of their fulfillment.

COURSE OF STUDY

At the discretion of the Dean especially 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, up to 30 hours.

The Theological Curriculum makes the following courses available, and as a rule a year's load of course-work is the same as in the College. The sequence in which they can be taken to best advantage will be fixed by the faculty's publication of the courses offered for each year.

Outline of Bachelor of Theology Course

FIRST YEAR

<i>Autumn Quarter</i>	<i>Credits</i>	<i>Winter Quarter</i>	<i>Credits</i>	<i>Spring Quarter</i>	<i>Credits</i>
Daniel	2	Revelation	2	Revelation	2
Greek I	5	Greek I	5	Greek I	5
English	3	English	3	English	3
History	3	History	3	History	3
Vocational	3	Vocational	3	Health Principles	3
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

New Testament		New Testament		New Testament	
Epistles	2	Epistles	2	Epistles	2
Church Polity	3	*Education	3	*Education	3
Journalism	2	Journalism	2	Journalism	2
Speech (Fund.)	2	Speech	2	Speech	2
Greek II	3	Greek II	3	Greek II	3
**Music	1	**Music	1	**Music	1
Biology	3	Biology	3	Biology	3
Physical Education	½	Physical Education	½	Physical Education	½

THIRD YEAR

Adv. Doctrines I	2	Adv. Doctrines I	2	Adv. Doctrines I	2
Homiletics I	2	Homiletics I	2	Homiletics I	2
Church History	3	Church History	3	Church History	3
Field Work Seminar	1	Field Work Seminar	1	Field Work Seminar	1
***Electives	7	***Electives	7	***Electives	7

FOURTH YEAR

Adv. Doctrines II	2	Adv. Doctrines II	2	Adv. Doctrines II	2
Homiletics II	3	Homiletics II	3	Homiletics II	3
Hebrew Prophets	3	Hebrew Prophets	3	Hebrew Prophets	3
Field Work Seminar	1	Field Work Seminar	1	Field Work Seminar	1
***Electives	7	***Electives	7	***Electives	7

* In education, both to fulfill requirement and as electives, the following may be suggested: General Psychology, Educational Psychology, Introduction to Education, Principles of Education, Tests and Measurements, Teaching Technique and Directed Teaching, Child Psychology.

** Among music courses Fundamentals of Music and Directing are suggested, in addition to what the student may wish otherwise.

*** As electives in the School of Theology curriculum the following are especially recommended: Hebrew I and II, Greek III, Archaeology and the Bible, The Ancestry of the Bible, World Religions, Methods of Bible Teaching.

Degree

When in the judgment of the Dean, all course requirements have been fulfilled and a thesis as evidence of marked ability in theological study has been approved, the student will be admitted to graduation with the degree of Th. B.

Outline of Course for Bible Workers

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.

FIRST YEAR

<i>Autumn Quarter</i>	<i>Credits</i>	<i>Winter Quarter</i>	<i>Credits</i>	<i>Spring Quarter</i>	<i>Credits</i>
Daniel	2	Revelation	2	Revelation	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

New Test. Epistles	2	New Test. Epistles	2	New Test. Epistles	2
Education	3	Education	3	Education	3
Speech	2	Speech	2	Speech	2
Biology	3	Biology	3	Biology	3
Physical Education	½	Physical Education	½	Physical Education	½

*Electives 17 credits

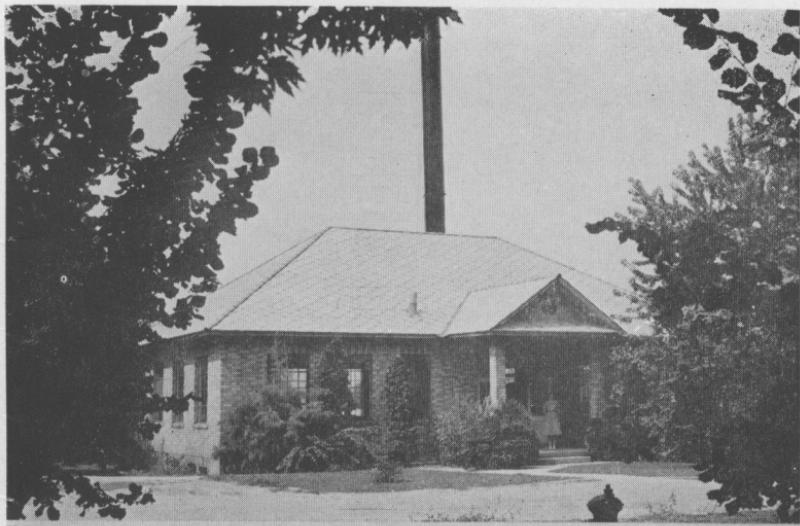
THIRD YEAR

Advanced Doctrines	2	Advanced Doctrines	2	Advanced Doctrines	2
Homiletics I	2	Homiletics I	2	Homiletics I	2
History (Ancient)	3	History (Ancient)	3	History (Ancient)	3
Field Seminar I	1	Field Seminar I	1	Field Seminar I	1
Hebrew Prophets	3	Hebrew Prophets	3	Hebrew Prophets	3
*Electives	5	*Electives	5	*Electives	5

* One of these electives to be music. The others may be selected from Home Economics or Language.

Extension Courses in Bible

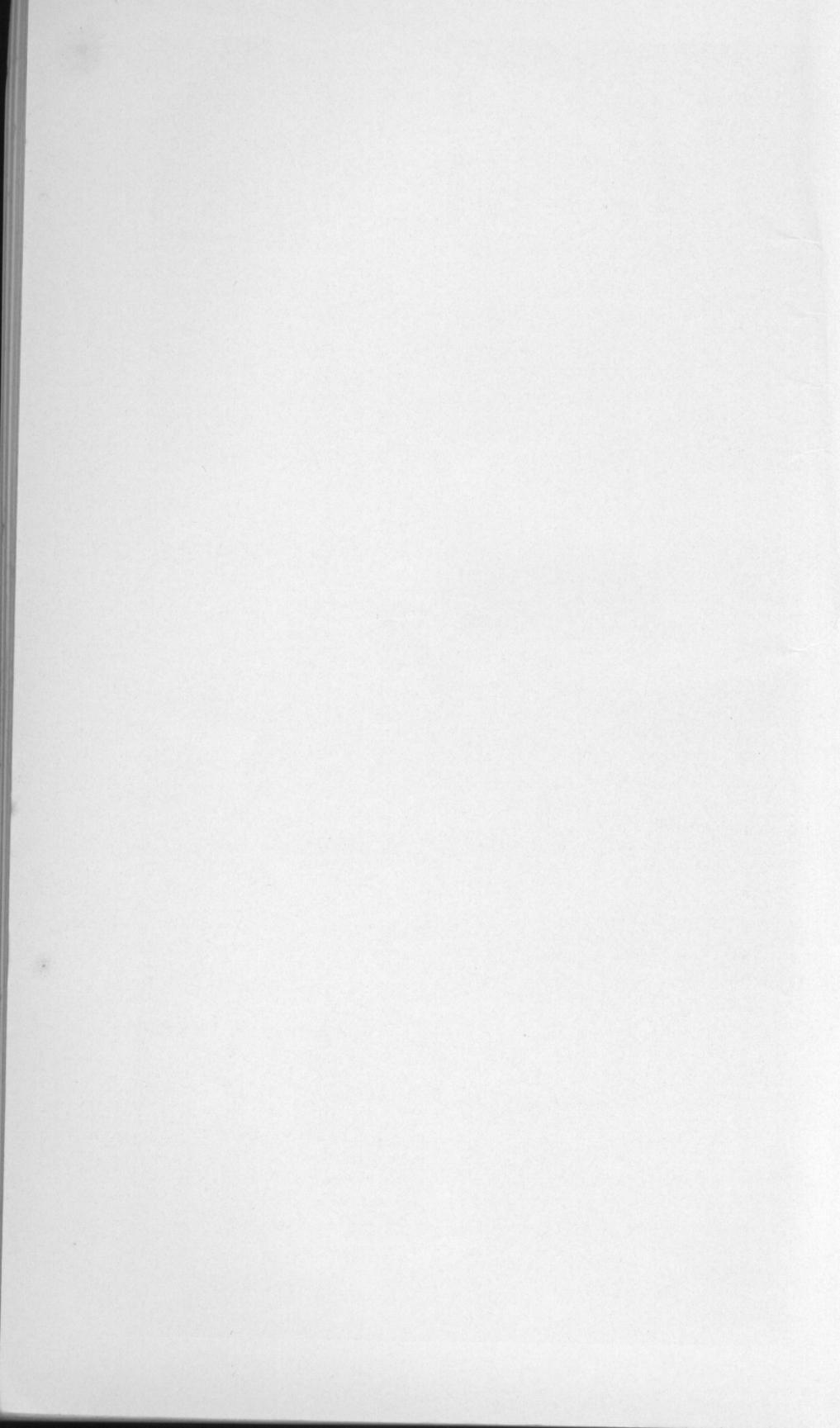
Non-tuition Evening Extension Courses may be made available for such of the community which are not enrolled in the College. These courses run in main concurrently with the quarter term. The specific subjects to be offered will be announced at the beginning of each quarter.



LAUNDRY

STORE

GARAGE



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 than during the other quarters.

Further details regarding the session may be obtained in the annual summer session bulletin.

College Enrollment of 1939-1940

Post Graduate Students	3
Students in College Department	589
Special Students in College Department	3
<hr/>	
TOTAL ENROLLMENT	595
Summer Session 1939	100
<hr/>	
GRAND TOTAL	695

PART XI

Graduates of 1940

Bachelor of Theology

Ruth Marie Cooprider
John Frederick Hamel
Keith Clare Holman
Harold Earl Huey
Stanley W. Johnson
Raymond S. Michel
Forrest G. Roper
H. Eugene Sample
Ivan Schaber

Bachelor of Arts

Geneva Ruth Ackerman—English
Henry Theodore Bergh—Business Administration
Vernon L. Braaten—English
John de Romanett—History
Ronald D. Drayson—Biblical Languages
Willie Woodrow Eden—Business Administration
Samuel H. Fritz—History
Lucille Evelyn Gleyre—Secretarial Science
Harry D. Johnson—Business Administration
Henry T. Larsen—History
Esther Irene Logan—English
Hartley Benner Ludden—Business Administration
Wilma Dolores Manfull—History
Katherine Ruth Martin—English
Willard Meier—History
Arvelia Marguerite Mentzel—History
Janet Jerraine Miller—Music
James A. Ogren—History & English
Caleb W. Prall—History
Wilbur W. Rennings—History
Hilda Keszler Schwartz—Business Administration
Wesley J. Siegenthaler—Business Administration
Clyde Wesley Smith—Business Administration
Francis A. Soper—History
Edith Berniece Swigart—English
Eleanor Dorothea Wentworth—

Business Administration
Gladys Cleller Wilson—Mathematics

Bachelor of Science
Bertha Bernita Bliss—Physiological Science
Maudie Bryan—Physiological Science

Albert LeRoy Frank—Mathematics
Ellsworth E. Klahr
Arthur C. Miller
Ervin Edson Nichols
Miriam Edith Ottman
Elbert Colegrove Palmer—Physics
Ellen Rasmussen—Physiological Science

Bachelor of Science in Home Economics

Bertha Shollenburg
Alice Esther Soper
Evelyn Degering-Vulliet
Three-Year Normal Course
Paul E. Featherston
M. Stephanie Harris
Genevieve Herwick
Helen Evelyn Johnson
Robert Lawrence Johnson

Two-Year Normal Course
Mabelle Unice Banks
Albert D. Butherus
Olive-Munsey-Featherston

Three-Year Premedical
Cleon K. Hubbard
Lance W. Judkins
Carl V. Lansing
John Davison Pearson
C. Chester Schmidt
Merritt Wm. Smith
Charles Erwin Syphers

Two-Year Premedical
James D. Lansing
Secretarial
Eileen Abegg
Ellen Ogren
Leona Pearl Warren
Pre-Dietetics
Muriel Bafus
Harryette Van Ausdle

PART XII

Time Schedule of Classes

AUTUMN QUARTER, 1940

BIBLE

Course	Instructor	Hour	Days	Room
Bible Survey				
Sec. A	Lindsjo	8:55	TTh	34
Sec. B	Lindsjo	11:25	TTh	34
Daniel and Revelation				
Sec. A		8:00	TTh	36
Sec. B		10:30	TTh	36
Sec. C		1:15	TTh	36
New Testament Epistles				
Sec. A	Burg	8:00	TTh	35
Sec. B	Burg	1:15	TTh	35
Doctrines I				
Sec. A	Dalrymple	8:00	TTh	33
Sec. B	Dalrymple	8:55	TTh	33
Doctrines II		11:25	TTh	36
Den. Hist. & Spirit of Proph.	Burg	11:25	MW	34
Hebrew Prophets	Burg	8:55	MWF	36
Church Polity		Arr.		
Archaeology and the Bible	Lindsjo	8:55	MWF	34
Homiletics I	Dalrymple	10:30	TTh	36
Homiletics II	Dalrymple	8:00	MWF	36
Church History		11:25	MWF	36

ART

Lettering	Miller	8:00	TTh	20
Art	Miller	8:55	M-F	20
Art	Miller	10:30	MTWTh	20
Art	Miller	1:15-3:00	T	20
China Painting	Miller	1:15-4:00	W	20
Chalk Illustrating	Miller	1:15-3:00	T	20

BIBLICAL LANGUAGES

Greek I	Holmden	8:55	M-F	13
Greek II	Holmden	8:00	MWF	13
Pauline Epistles	Holmden	11:25	MWF	13

BIOLOGY

Zoology	Booth	8:55	MWF	S.H.
Anatomy and Physiology	Marsh	8:55	MWF	S.H.
Biology	Booth	11:25	MWF	S.H.
Microscopical Technique	Booth	Arr.		S.H.

Course	Instructor	Hour	Days	Room
Clinical Bacteriology	Marsh	10:30	TTh	S.H.
Vertebrate Zoology	Booth	8:55	TTh	S.H.
Parasitology	Booth	10:30	TTh	S.H.
Seminar	Booth	Arr.		
Health Principles				
Sec. A	Marsh	8:55	MWF	S.H.
Sec. B	Marsh	10:30	MWF	S.H.

BUSINESS ADMINISTRATION

General Economics	Cubley	10:30	MWF	30
Introduction to Business	Walker	10:30	T	31
Penmanship	Walker	10:30	Th	31
Typing I	Walker	8:55	MWF	31
Principles of Accounting I	Cubley	8:00	MW	30
Shorthand	Walker	8:00	M-F	31
Advanced Shorthand	Walker	10:30	MWF	31
Secretary Work	Walker	1:15	TTh	31
Business Correspondence	Cubley	10:30	T	30
Principles of Accounting II	Cubley	8:55	TTh	30
Typing II	Walker	11:25	MWF	31
Advanced Accounting I	Cubley	Arr.	MWF	30
Pro-Seminar	Walker	1:15	M	31

CHEMISTRY

General Chemistry	Thurston	8:00	MWF	S.H.
Pre-Nursing Chemistry	Thurston	8:55	MWF	S.H.
El. Organic Chemistry	Thurston	10:30	TTh	S.H.
Qual. Analysis	Thurston	Arr.		S.H.
Physical Chemistry	Bowers	11:25	MWF	S.H.
Teachers' Methods	Thurston	Arr.		S.H.

EDUCATION

Intro. to Education	Neilsen	8:55	MWF	15
Child Life & Problems	Sittner	11:25	MWF	10
Secondary Education	Sittner	8:55	MWF	10
Teaching Techniques	Neilsen	Arr.		
Teaching I	Neilsen	Arr.		T.S.
Teaching II	Neilsen	Arr.		T.S.
Technique in Sec. Subjects	Neilsen	Arr.		T.S.
General Psychology	Sittner	8:55	TTh	10
Sec. A	Sittner	10:30	MWF	10
Sec. B	Sittner	2:10	MWTh	10
Human Relations	Foreman	Arr.		

ENGLISH

COMPOSITION

Freshman Composition				
Sec. A	Aplington	8:00	MWF	1
Sec. B	Aplington	8:55	MWF	1
Sec. C	Little	11:25	MWF	11
Sec. D	Lewis	11:25	MWF	1
Sec. E		10:30	M-F	1
Sec. F	Aplington	11:25	M-F	15

LITERATURE

Course	Instructor	Hour	Days	Room
Literary Elements	Aplington	8:55	TTh	1
American Literature	Airey	8:00	TTh	1
English Literature	Lewis	8:55	MWF	15
Old and Middle English	Little	10:30	MWF	11
English Ren. Literature	Aplington	10:30	MWF	15
Restoration Literature	Little	8:00	M-F	11

JOURNALISM

News Writing	Little	11:25	TTh	11
Adv. Jour. Writing	Little	5:00	TTh	11

SPEECH

Essentials of Speech				
Sec. A	Lewis	8:55	TTh	15
Sec. B	Lewis	10:30	TTh	15
Persuasive Speaking	Lewis	10:30	MWF	15
Radio Speaking	Lewis	Arr.		15

HISTORY

Survey of European History				
Sec. A	Airey	8:00	MWF	35
Sec. B	Christian	11:25	MWF	35
English History	Airey	8:55	MWF	
American History				
Sec. A	Christian	8:55	MWF	35
Sec. B	Christian	10:30	MWF	35
Medieval History	Lindsjo	10:30	MWF	
Europe since 1815	Airey	8:55	TTh	
Current History	Christian	11:25	TTh	35
American Frontier	Christian	10:30	TTh	35
American Diplomatic History	Christian	8:55	TTh	35
Pro-Seminar	Christian	1:15	T	35
American Government	Airey	10:30	MWF	

HOME ECONOMICS

Food Study	Schluntz	8:55	MW	H.E.
Applied Design	Schluntz	10:30	TTh	H.E.
Clothing I	Schluntz	1:15	TTh	H.E.
Tailoring	Schluntz	1:15	MW	H.E.
Nutrition	Schluntz	10:30	MWF	H.E.
Adv. Institutional Training	Schluntz	Arr.		H.E.

LIBRARY SCIENCE

Library Science	Sittner	Arr.	Lib.
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MATHEMATICS

Advanced Algebra	Davidson	8:55	MWF	12
Solid Geometry	Davidson	11:25	TTh	12
General Mathematics	Davidson	10:30	MWF	12
Calculus	Davidson	8:00	MTWF	12
Projective Geometry	Davidson	10:30	TTh	12

MODERN LANGUAGES

Course	Instructor	Hour	Days	Room
Elementary German	Sorenson	10: 30	M-F	33
Intermediate German	Sonnenberg	11: 25	MWF	33
German Composition	Sonnenberg	11: 25	TTh	33
Intro. German Literature	Sorenson	8: 55	MWF	33
German Directed Reading	Sorenson	Arr.		
Elementary French	Holmden	10: 30	M-F	13
Intermediate French	Sorenson	11: 25	MWF	33
French Composition	Sorenson	11: 25	TTh	33
Intro. French Literature	Sorenson	8: 00	MWF	33
French Directed Reading	Sorenson	Arr.		

MUSIC

Music Fundamentals	Gernet	2: 10	TTh.	M.C.
Dictation	Gernet	Arr.		M.C.
Harmony I	Gernet	1: 15	MW	M.C.
Directing I	Johnson	2: 10	M	M.C.
String Ensemble	Johnson	3: 05	MF	M.C.
Instrumental Ensemble	Johnson	3: 05	MF	M.C.
Directing II	Johnson	2: 10	W	M.C.
Music Survey	Gernet	2: 10	MW	M.C.
Sightsinging	Gernet	10: 30	TTh	M.C.
Harmony II	Gernet	1: 15	TTh	M.C.
Accompanying	Gernet	Arr.	MW	M.C.
Advanced Sightsinging	Gernet	2: 10	MW	M.C.
Hist. of Music & Appreciation	Gernet	8: 55	MW	M.C.
Counterpoint	Gernet	3: 05	MW	M.C.
Orchestra	Johnson	5: 00	MW	M.C.
Band	Johnson	5: 00	TTh	M.C.
A Cappella		5: 00	MTh	M.C.

NURSING EDUCATION

History of Nursing	Marsh	11: 25	TTh	S.H.
Nursing Education	Marsh	8: 55	TTh	S.H.

PHYSICS

General Physics	Kretschmar	8: 55	MWF	2
Machine Shop				
Sec. A	Kretschmar	1: 15	MW	2
Sec. B	Kretschmar	1: 15	TTh	2
Electricity and Magnetism	Kretschmar	11: 25	MWF	2
Atomic Physics	Kretschmar	10: 30	MWF	2

PHYSICAL EDUCATION

Physical Education I				
(Men)		2: 10	MW	C.H.
(Women)		2: 10	TTh	C.H.
Physical Education II				
(Men)		4: 00	MW	C.H.
(Women)		4: 00	TTh	C.H.

Time Schedule of Classes

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Course	Instructor	Hour	Days	Room
Remedial Calisthenics (Men)		3:05	MW	C.H.
(Women)		3:05	TTh	C.H.
Medical Corps Sec. A		1:15	MW	C.H.
Sec.B		3:00	MW	C.H.

VOCATIONAL

Printing I, II, III	Collins	Arr.	
Technical Drawing	Emmerson	1:15	TTh
Cabinet Making	Emmerson	2:10	T
Carpentry I	Emmerson	1:15	MW
Adv. Technical Drawing	Emmerson	Arr.	
Carpentry II	Emmerson	Arr.	
Design	Emmerson	Arr.	
Auto Mechanics	Schiller	4:00	T

Laboratory Appointments

BIOLOGY:

Zoology

Section A. Tuesday, 1:30-5:30 p. m.

Section B. Thursday, 1:30-5:30 p. m.

Bacteriology

Wednesday, 1:15-3:00, 3:00-5:00 p. m. Thursday 3:00-5:00 p. m.

Anatomy and Physiology

Sunday, 1:15-3:00 p. m.

Thursday, 1:15-3:00 p. m.

Biology

Thursday, 1:30-5:30 p. m.

Microscopical Technique

Sunday, 1:30-5:30 p. m. Wednesday, 1:30-5:30 p. m.

Clinical Bacteriology

See instructor for appointment.

Vertebrate Zoology

Wednesday, 1:30-5:30 p. m.

Parasitology

Monday, 1:30-5:30 p. m.

CHEMISTRY:

General

Section A. Sunday 8:00-12:00 a. m.

Section B. Sunday 1:15-5:00 p. m.

Pre-Nursing

Tuesday, 1:15-4:00 p. m.

Analytical

Analytical, Monday, 1:15-5:00 p. m.

Qualitative, Monday, 1:15-5:00 p. m.

Quantitative, Wednesday, 1:15-5:00 p. m.

Organic

Elementary, Thursday, 1:15-5:00 p. m.

Physical

Tuesday, 1:15-5:00 p. m. Wednesday, 1:15-5:00 p. m.

PHYSICS:

General, Tuesday, 1:15-4:45 p. m. Sunday, 8:30-12:00 a. m.

Machine Shop

Section A. Monday and Wednesday, 1:15-5:30 p. m.

Section B. Tuesday and Thursday, 1:15-5:30 p. m.

Electricity and Magnetism, Tuesday and Thursday, 1:15.

WOODWORKING AND CARPENTRY:

Shop Hours: Shop is open from 8:00-12:00 a. m. and 1:00-5:00 p. m. except Saturdays, and Friday and Sunday afternoons.

MECHANICAL DRAWING: Tuesday, Thursday, 1:15.

PRINTING: See instructor for appointments.

ANTO MECHANICS:

Class appointment for all students, Tuesday, 4:00-5:00 p. m.

ACCOMPANYING: See instructor for appointments.

TYPEWRITING: By appointment, 8:00 a. m. to 4:00 p. m.

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