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Walla Walla College

BULLETIN

1939-40

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"The School that Educates for Life"

WALLA WALLA COLLEGE BULLETIN

CATALOGUE
1939-40



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

Vol. XLVIII. June, 1939 No. 1

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under Act of Congress, August 24, 1912
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ARCHIVES

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1939-1940

SUMMER QUARTER

Registration Monday, June 5
Close of summer quarter Thursday, August 18

AUTUMN QUARTER

Freshman convocation, attendance required, 8:00 p. m., Mon., Sept. 25
Freshman tests, 9:00 a. m.; 2 p. m. Tue., Sept. 26
Freshman convocation, attendance required, 8:00 p. m., Tue., Sept. 26
Registration of freshmen, 9:00 a. m.; 2 p. m. Wed., Sept. 27
Freshman convocation, attendance required, 8:00 p. m., Wed., Sept. 27
Instruction begins, 8:00 a. m. Thurs., Sept. 28
General registration, 2:00 p. m. Thurs., Sept. 28
General convocation, 8:00 p. m. Thurs., Sept. 28
General registration, 2:00 p. m. Fri., Sept. 29
First vesper service, 7:30 p. m. Fri., Sept. 29
Faculty-Student reception, 8:00 p. m. Sat., Sept. 30
Annual field day Tue., Oct. 10
Thanksgiving recess Thurs., Fri., Nov. 23-24
Registration for winter quarter Dec. 1-15
Instruction ends, 12:00 noon Wed., Dec. 20

WINTER QUARTER

Registration of new students, 2:00 p. m. Mon., Jan. 1
Instruction begins, 8:00 a. m. Tue., Jan. 2
Registration for spring quarter Feb. 19-March 8
Instruction ends, 12:00 noon Thurs., March 14

SPRING QUARTER

Registration of new students, 2:00 p. m. Mon., March 18
Instruction begins, 8:00 a. m. Tue., March 19
Registration for autumn quarter Apr. 22-May 10
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., June 1
Commencement, 10:00 a. m. Sun., June 2



COLLEGE ENTRANCE

PART I

Administration and Instruction

Board of Trustees

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Faculty

ADMINISTRATION

~~GEORGE W. BOWERS, Ph.D.,~~
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

X ~~J. CECIL HAUSSLER, M. A.,~~
Principal, Walla Walla College Academy

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Instructor in English
B. A., Walla Walla College

X ~~GEORGE WINFIELD BOWERS~~
Professor of Chemistry
Ph. D., Nebraska

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

X PERCY W. CHRISTIAN

Associate Professor of History

Ph. D., Northwestern

X E. STRAUSS CUBLEY *enrolled*

Professor of Business Administration

M. A., Washington

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Associate Professor of Biblical History and Literature

B. Th., Atlantic Union College

Ll. B., Brooklyn Institute

VERLAND V. ERNTSON

Instructor in Business Administration

B. A., Walla Walla College

DOROTHY FOREMAN

Instructor in English

B. A., Union College

T. M. FRENCH *Consent*

Professor of Biblical History and Literature

B. Th., Emmanuel Missionary College

X STERLING K. GERNET

Assistant Professor of Music Theory

M. A., Temple

LILAH GODFREY

Assistant Professor of Mathematics

M. S., Washington

X WINIFRED LUCILE HOLMDEN

Professor of Ancient Languages

M. A., Southern California

X VICTOR JOHNSON

Professor of Violin and Music Theory

Director of Music Conservatory

B. Mus., Washington, D. C.

X GEORGE GUSTAV KRETSCHMAR

Professor of Physics

Ph. D., Chicago

X RICHARD LEWIS ✓

Instructor in English
M. A., Southern California

X HOLGER LINDSJO ✓

Instructor in Biblical History and Literature
B. A., Emmanuel Missionary College

LEON B. LOSEY ✓

Instructor in Agriculture
M.S., Oregon State College

X VEDA S. MARSH ✓

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

X LULU HILL-MILLER ✓

Instructor in Art

MERLIN L. NEFF

Associate Professor of English
Ph. D., Washington

X ALICE A. NEILSEN ✓

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

GRACELYN PERRY-PARKER

Instructor in Speech
B. A., Walla Walla College

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Professor Emeritus of Spanish
M. A., Washington

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M. D., College of Medical Evangelists

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B. A., Walla Walla College

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Assistant Professor of Home Economics
M. S., Nebraska

X Brinkers ✓
X Tom Little ✓
X French ✓

X HARRY H. SCHYDE

Assistant Professor of Voice
B. Mus., Augustana College

X HERMAN R. SITTNER

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

MOLLIE LAY-SITTNER

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

X AGNES L. SORENSON *Envelope*

Associate Professor of Modern Languages
M. A., Michigan

X CLAUDE E. THURSTON

Instructor in Chemistry
M. S., Washington

X 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

Critic teacher, grades one and two
B. A., Emmanuel Missionary College

MAVIS SMITH

Critic teacher, grades three and four
B. A., Pacific Union College

CLARA KEITH-BOWERS

Critic teacher, grades five and six
M. A., Nebraska

ETHEL A. JOHNSON

Critic teacher, grades seven and eight
M. A., Minnesota

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DEAN OF MEN.

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WINIFRED L. HOLMDEN, P. W. CHRISTIAN.

GOVERNMENT

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E. S. CUBLEY, GWYNNE DALRYMPLE, K. APLINGTON.

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GERNET, GWYNNE DALRYMPLE.

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GUERITE APLINGTON, CLAUDE THURSTON.

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TIAN, J. C. HAUSSLER.

FACULTY ADVISORS FOR THE ASSOCIATED STUDENTS

Graduate Manager, E. S. Cubley; *The Collegian*, M. L. NEFF; *The
Mountain Ash*, K. Aplington.

INDUSTRIAL SUPERINTENDENTS

FRANK W. PETERSON.....	Superintendent, Industrial Departments
JOHN BAUER, JR.	Store
RAY L. COLLINS.....	Print Shop
RUSSELL EMMERSON	Construction
FRANK GIBBON	Bakery
*.....	Service Station
LELAND PARKER	Heat and Light
FERDINAND M. SCHILLER.....	Garage
ANNA GIDDINGS-VANAUSDLE	Culinary
MRS. E. A. BAGGETT.....	Laundry
ROY ZUMWALT.....	Farm

* To be supplied.

PART II

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 System and the Northern Pacific Railway. An hourly bus service connects College Place with Walla Walla. The transcontinental Roosevelt Highway is routed through these two places. The United Air Lines operates through Walla Walla.

Walla Walla College is accredited as a four-year college 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.

BUILDINGS AND EQUIPMENT

Administration

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 capacity of more than five hundred, the library, and a museum.

Dormitories

Two wings 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 for 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 "spreadroom" make the dormitory life attractive. The first floor contains a modern dining room, kitchen, refrigeration plant, together with a banquet room and the dormitory chapel.

Science Hall

The Science Hall, erected in 1924, gives ample provision for the chemistry and biology laboratories. The lower floor with chemistry equipment and stock room, and the main floor with class rooms, office, and biology laboratory are well equipped.

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 adequate facilities for classrooms and laboratories. It contains modern equipment for students studying in this department.

Columbia Hall

Columbia Hall is the most recently added building to the campus. It is a reinforced concrete gymnasium-auditorium, 80 by 128 feet in size. It contains a main floor with more than 100,000 square feet and a gallery. It has a capacity of more than 3,000 persons. There are also dressing rooms, showers, a large stage, a 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 68 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, and classrooms for students of the first eight grades.

Library

The College library consists of over fifteen 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

Adjacent to the campus is the College farm, a valuable 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. Year by year the College management has been expanding its several industrial enterprises with a view to providing means for more students to earn part of their expenses while attending college and to training young people in lines of work whereby they may become self-supporting missionaries. Among these enterprises are the bakery, print shop, bindery, dairy and refrigerating plant, laundry, woodwork shop, machine shop, general store, service station, garage, poultry yards, and farm.

The College and Its Aims

Walla Walla College recognizes as supreme the principle that character development is the highest aim of education. Its students are placed upon their honor and are taught to recognize self-government as the only true government. All persons of good character, whether professing religion or not, are admitted. By matriculating in the College, all students automatically assume the obligation to respect its religious ideals and to abide by its regulations.

RELIGIOUS ACTIVITIES

The following organizations and activities contribute to the purposes of the school in training men and women for Christian service.

Church and Sabbath School

The College Place Church with a membership of over seven 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. The College Sabbath School convenes in the College chapel.

Missionary Volunteer

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 regularly enrolled students and faculty members. The association has for its object the promotion of Walla Walla College ideals and activities. Two official publications of the Associated Students are the *Collegian*, the newspaper of the College, edited and managed by a student staff; and the *Mountain Ash*, the year book of the student body.

Societies and Organizations

Students in various departments will find societies which meet regularly to promote their special interests. These groups include the Paulist Sodality, the Pre-medical Society, the Social Science Club, the Pegasus Club, the Business Administration Club, the Normal Club, the International Relations Club, Beta Mu Club, the Pre-Nursing Club, 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	\$45.00
Village Students	22.00

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

Expenses

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

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

By action of the Board of Walla Walla College, all students are required to pay their accounts in full before diplomas or degrees are granted. All students must pay their accounts in full before receiving their grade cards

at the end of each quarter or a transcript of recorded credits. A student whose account is overdue may not be permitted to take the final 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 only 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 to 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 \$39.00. 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 de-

partments and will be based on the ability, industry, and faithfulness of the student. The charge of \$39.00 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 of North or 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	\$22.00
Thirteen credits	19.50
Twelve credits	18.50
Eleven credits	16.50
Ten credits (minimum)	15.00

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, Colle-

Laboratory Fees

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gian, 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.....	65c per quarter credit
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	
Clothing75
Dietetics	1.00	
Exp. Cookery	4.00	
Food Study		1.25
Design	1.00	
Industrial Arts		1.00
Journalism50	
Machine Shop	5.00	
Physics	4.00	
Physiology		1.00
Practical Hygiene	2.00	
Radio Speech	1.00	
Student Teaching25
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

Typewriter Rentals

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

Estimated Expenses for Home Students

The following estimate is based upon the supposition that a student is carrying full work, is doing \$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)	\$156.00	\$175.00	\$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	\$273.00	\$323.00	\$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 credit 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 25. 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 the 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.

PART IV

General Regulations

Government

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

General Regulations

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

Citizenship

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

Residence

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



COLLEGE PLACE S. D. A. CHURCH

are made on forms provided by the Board, and must be approved before these arrangements are completed. Failure to comply with these requirements will justify the faculty in declining to matriculate such students.

Non-resident students who have received permission to live in the village are subject to call into the school homes at any time.

All persons who desire to rent rooms to students are requested to file with the registrar the prescribed application blank, properly filled out. Householders renting rooms to young ladies must provide a parlor on the first floor for the reception of gentleman callers, but no roomer will ordinarily use the parlor more than one evening during the week. The time limit of such calls is 9:45 p. m. Ladies and gentlemen are not permitted to occupy rooms in the same building.

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 9:45 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 of by the College, from the use of tobacco in any form, 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 association of its citizens. Attendance at evening gatherings and at other social functions is permitted in harmony with specific standards which are set forth in the Student Manual.

Automobiles

Students are requested not to bring automobiles or motorcycles to the institution. Those who bring their cars to the College will be required to place them in storage at their own expense, and deposit their keys with their dean. Where it is necessary because of location or work, students may secure a special automobile permit.

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 fine of one dollar will be charged for every class missed before and after vacation up to a maximum of five dollars.

Miscellaneous

The dormitories are private homes. Persons living outside, in calling on members of the home family, are requested to observe the customary civilities.

The College may not 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, and if the damage is not reported within twenty-four hours, double the amount of replacement will be charged.

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

Student Manual

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

The College 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, homelike 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 home for group entertainments and for the general use of students during leisure time.

Pledge

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

Study Hour

In order to provide an atmosphere of study, quietness must be maintained during the evening study period. Permission must be granted by the deans for any necessary absence from the school homes during the study hours. Students are not expected to receive visitors or telephone calls 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 go to the city or away from the campus for any length of time without arranging with the dean of women or the dean of men.

If it should be necessary for a student to be absent from the home after the retiring hour, arrangements should be made with the dean of women or the dean of men for entrance. Any attempt to enter the building by other than the regular means will be considered a misdemeanor.

Callers

Young women may receive gentlemen callers in the parlors by permission from the dean of women.

The school homes are private, not public buildings. Persons living outside, in calling upon members of the home families, will show the same courtesies that they would if they were calling at any other private home.

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, lamps, or electrical appliances in their rooms.

The possession of radios and phonographs is discouraged. In case the student brings a radio or phonograph, permission and regulations must be secured from the dean in charge. A charge of \$1.00 per period will be made for all electric machines.

Worship Attendance

Attendance at evening and morning worship, Sabbath School, and Sabbath morning services is expected. If the student is ill or for some other 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 period without giving excuse. Unexcused absences are subject to discipline.

Preparatory Students

Students of preparatory grades (grades 9-12) are not received into the home except by special arrangements previously made with the President.

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, provided by the registrar. This application, which will include a transcript of credit, should be sent by the high school or academy to the registrar of the College in ample time to be evaluated before the opening day of registration. Failure to file credentials early may result in delayed registration and unsatisfactory classification.

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

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 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 extracurricular 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. With-

drawal 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 regis-

ter 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 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 65c 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.

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.

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.

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.

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.

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.

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 course 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.

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 and 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 freshmen and sophomore students under twenty-five years of age. Exemptions from these requirements may be granted on written applications approved by the President on recommendation of the Physical Education instructor. For reasons of a physical nature, exemptions may be granted on the recommendation of the College physician.

PART VI

Senior College Courses

GRADUATION

Degrees and Diplomas

Three general college courses are offered: one leading to the degree of Bachelor of Arts, another to the degree of Bachelor of Science, and the third leading to the degree of Bachelor of Theology. Those who complete the preparatory medical course and two years at the College of Medical Evangelists will receive the degree of Bachelor of Arts. 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. Immediately after selecting his major study, the student should consult the head of the department in which the major study is to be taken for advice concerning the choice of a minor study and appropriate electives.

From twenty-one to twenty-four credits of a student's major study should be in upper division courses. No grade lower than a C will be credited on a major. 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.

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. A student receiving a grade lower than C in an upper division course will be given lower division credit.

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 graduation, with the exception of medical students, must do 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 six 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.

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 31.)

2. Completed one hundred and 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	9-30 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.

* 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, Orchestra ¼	Ensemble, Chorus, Orchestra ¼	Ensemble, Chorus, Orchestra ¼
Physical Education ¼	Physical Education ¼	Physical Education ¼

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 ¼	Ensemble, Chorus, Orchestra ¼	Ensemble, Chorus, Orchestra ¼
Physical Education ¼	Physical Education ¼	Physical Education ¼

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					
<i>Autumn Quarter</i>	<i>Credits</i>	<i>Spring Quarter</i>	<i>Credits</i>	<i>Winter Quarter</i>	<i>Credits</i>
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	$\frac{1}{2}$	Phys. Education	$\frac{1}{2}$	Phys. Education	$\frac{1}{2}$
SECOND YEAR					
Bible	2	Bible	3	Bible	3
Language	5	Language	5	Language	5
Mathematics	4	Mathematics	4	Mathematics	5
Physics or Chem.	3-5	Physics or Chem.	3-5	Physics or Chem.	3-5
Phys. Education	$\frac{1}{2}$	Phys. Education	$\frac{1}{2}$	Phys. Education	$\frac{1}{2}$
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	
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	
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)	20 credits
Minor (Nursing Education)	9 credits
Bible	6 credits
Language	15 credits
Total	50 credits

All courses shall be upper division classes with the possible exception of the foreign language study. Suitable major subject courses shall be elected from the following courses:

Medical Zoology	Histology
Parasitology	Neurology
Foods Bacteriology	Physiological Chemistry
Comparative Anatomy	Advanced Physiology

REQUIREMENTS FOR SECONDARY TEACHER CERTIFICATION *Certificates*

College students who expect to teach in any department of the denominational schools after taking the B. A. degree will desire to secure a life certificate. The requirements for securing this certificate are: (a) The applicant must have taught three years out of the five immediately following the receiving of the B. A. degree. (b) Applicant must have had a minimum of twenty-three credits in the Department of Education. Students should plan for this work early in their course.

The General Conference Department of Education has provided for two grades of certificates for teachers of secondary subjects. The first is a five-year regular secondary certificate based upon graduation from a college within the Association of Seventh-day Adventist Colleges and Secondary Schools or from one of equal rank, including a minimum of *23 quarter credits of professional training, taken preferably in the following order of importance:

	<i>Quarter Credits</i>
Principles of Education	3
Educational Psychology I	3
Technique of Secondary Teaching	3
Special Methods (in major subject)	2-6
Secondary Practice Teaching	8
Principles of Secondary Education	3

* In meeting the twenty-three credit requirement in Education, either Methods I or II with Practice Teaching I or II of the Normal Course, are evaluated on a 50 per cent credit basis, for candidates who were graduated not later than 1932.

Only one course in Secondary Methods in major subjects with supervised teaching, will be accepted at full value.

This certificate indicates the groups of subjects the holder is entitled to teach arranged in order of his quantitative preparation in the respective fields; and no applicant is certified in any subject or group of subjects in which he or she has a corresponding college credit of fewer than the number of quarter credits listed hereinafter in addition to the academic subject matter that is to be taught. The holder is eligible to apply for a Life Certificate when he has taught successfully for twenty-seven months.

Minimum Certification Standards

1. *Bible*. 22 credits including Daniel and Revelation or advanced Bible Doctrines in addition to 3½ secondary units.
2. *English*. 27 credits including freshman English, advanced composition, and types of literature, in addition to 3 secondary units.
3. *History*. 18 credits, including a survey of modern Europe, and national history, in addition to the 2 secondary units.
4. *Mathematics*. 18 credits in addition to 2 secondary units.
5. *Language*. 18 credits in addition to 2 secondary units in the same language.
6. *Science*. 18 credits in laboratory science subjects including 6 in the specific field taught in the academy in addition to the secondary content and including a background of at least 2 academic units of science.
7. *Physiology*. 9 credits of college physiology in addition to one-half academic unit.
8. *General Science*. 18 credits in laboratory science in addition to two academic science units, which altogether shall represent four science fields.
9. Specific subjects including agriculture, foods, clothing, wood-work, printing, bookkeeping, shorthand, speech, and art: 18 credits or the equivalent in the specific field taught, academic units to be evaluated on the basis of 2 credits per quarter.
- ***10. *Typewriting*. 50 words per minute, net, in a certified standard speed test.
11. *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.

Special Vocational Certificate. A one year teacher's certificate will be granted those who have a total of 96 credits, including 18 credits in education and 18 credits in the subject taught. A renewal may be had upon completion of 9 quarter credits of additional college work.

*** A candidate desiring to be certified in typewriting should submit evidence through his registrar of having met the 50-word standard.

Bachelor of Arts IN ELEMENTARY EDUCATION

This major is planned for candidates for a college degree who expect to qualify for a Washington State Certificate. The Three-Year Elementary Certificate mentioned on page 48 based on three years of college work only will be discontinued by the State of Washington by 1942.

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
(One unit for each year of attendance at a Seventh-day Adventist Academy)	

Requirements

FOR THE DEGREE OF BACHELOR OF ARTS IN ELEMENTARY EDUCATION

Requirements: 204 credits 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	94
Art	6
English (Composition and Literature)	18
Health Education	10
Principles of Mathematics	4
Music	6
Science	12
Social Studies	14
Religion	24

Two Minors: (18 upper division) (20 each)40

To be selected from the following:

Chemistry	French
English Literature	German
History	Mathematics
Home Economics	Physics

Free Electives26

OUTLINE OF BACHELOR OF ARTS IN ELEMENTARY EDUCATION COURSE

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
or one unit for each year in attendance at academy.	

THREE-YEAR 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
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 Psychology	3	Geography	5
American History	3	American History	3	American History	3
Teaching	1	Teaching	1	Teaching	1
English in the Elementary School	2	Social Science in the Elementary School	2		
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 Remedial Teaching	3	Teaching	2
Adol. Psychology	3			Tests and Measurements	3
Elective	5	Elective	5	Elective	5

Students will be required to pass a test in penmanship.

At least two-thirds of the third year courses should be upper division work.

Three hours of teaching credit will be required of students completing the Teacher Training Course even though they have completed their teaching hours in some other normal school.

Students may be excused from sightsinging at the discretion of the instructor. They must present evidence of their ability.

Two-Year Course

A two-year course is also offered, designed to meet the needs of students from states where the two-year requirement is still effective.

Students who plan to graduate at the close of the second year should take School Law, School Music, and additional Student Teaching in the place of electives in the second year.

Teacher Certification

State

The Normal Department of Walla Walla College is accredited by the State of Washington, and students who complete the Three-Year Normal Course in accordance with the above regulations will be granted the Three-Year Elementary Certificate by the Department of Education of the State of Washington.

Denominational

Completion of the Two-Year Normal Course entitles the student to a Three-Year Elementary Certificate, provided the proper pre-normal work has been taken.

Completion of the Three-Year Normal Course entitles the student to a Five-Year Elementary Certificate.

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 taken 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	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$

SECOND YEAR

Bible	2	Bible	2	Bible	2
Physics	4	Physics	4	Physics	4
Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3
*Language	3	Language	3	Language	3
Amer. Government	3	Analytical Chem.	3	Analytical Chem.	3
Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$	Physical Education	$\frac{1}{2}$

THIRD YEAR

Bible	2	Bible	2	Bible	2
Speech	2	Speech	2	Speech	2
Electives	12	Electives	12	Electives	12

(At least one-half of the elective credits must be non-science.)

* 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 pre-dental 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

<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
General Chemistry	4	General Chemistry	4	General Chemistry	4
Freshman English	3	Freshman English	3	Freshman English	3
Food Study	3	Food Study	3	Food Study	3
Economics	3	Economics	3	Economics	3
Physical Education	½	Physical Education	½	Physical Education	½

SECOND YEAR

Bible	2	Bible	2	Bible	2
Organic Chemistry	3	Organic Chemistry	3	Organic Chemistry	3
American Government	3	*Sociology	2	*Sociology	2
General Psychology	3	Principles of Education	3	Accounting	2
Accounting	2	Accounting	2	Anatomy & Physiology	3
Introduction to Education	3	Anatomy & Physiology	3	Elective	5
		Elective	2		

* Taken by Correspondence.

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

<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
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	3
Economics	3	Economics	3	and Welding	3
				Economics	3
Physical Education	½	Physical Education	½	Physical Education	½

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

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:

English3 units

Language2 units

(Two units must be in the same language)

Mathematics2 units

(One unit algebra)

History1 unit

Bible1-4 units

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

(One unit for high school graduates)

Science2 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

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.

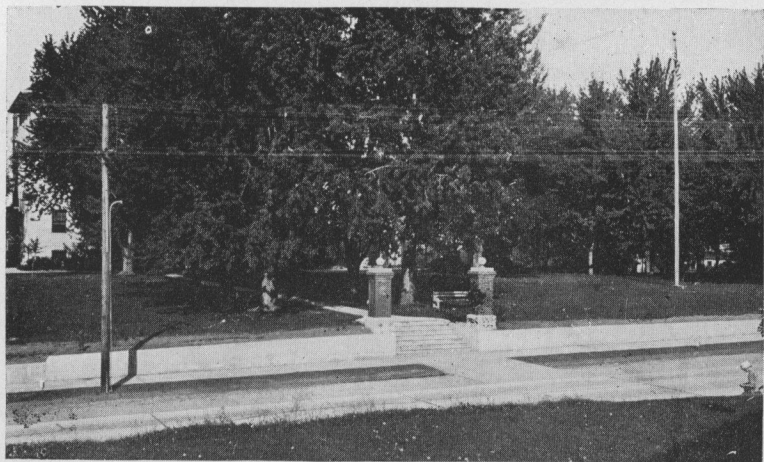
Courses bearing numbers from 1 to 49 inclusive are normally offered to freshmen; those from 50 to 99 are normally offered to sophomores; those from 100 to 199 to juniors and seniors.

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. 11:10.," means three credits each quarter, or a total of nine credits for the year, the class meeting Monday, Wednesday, Friday at the 11:10 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.

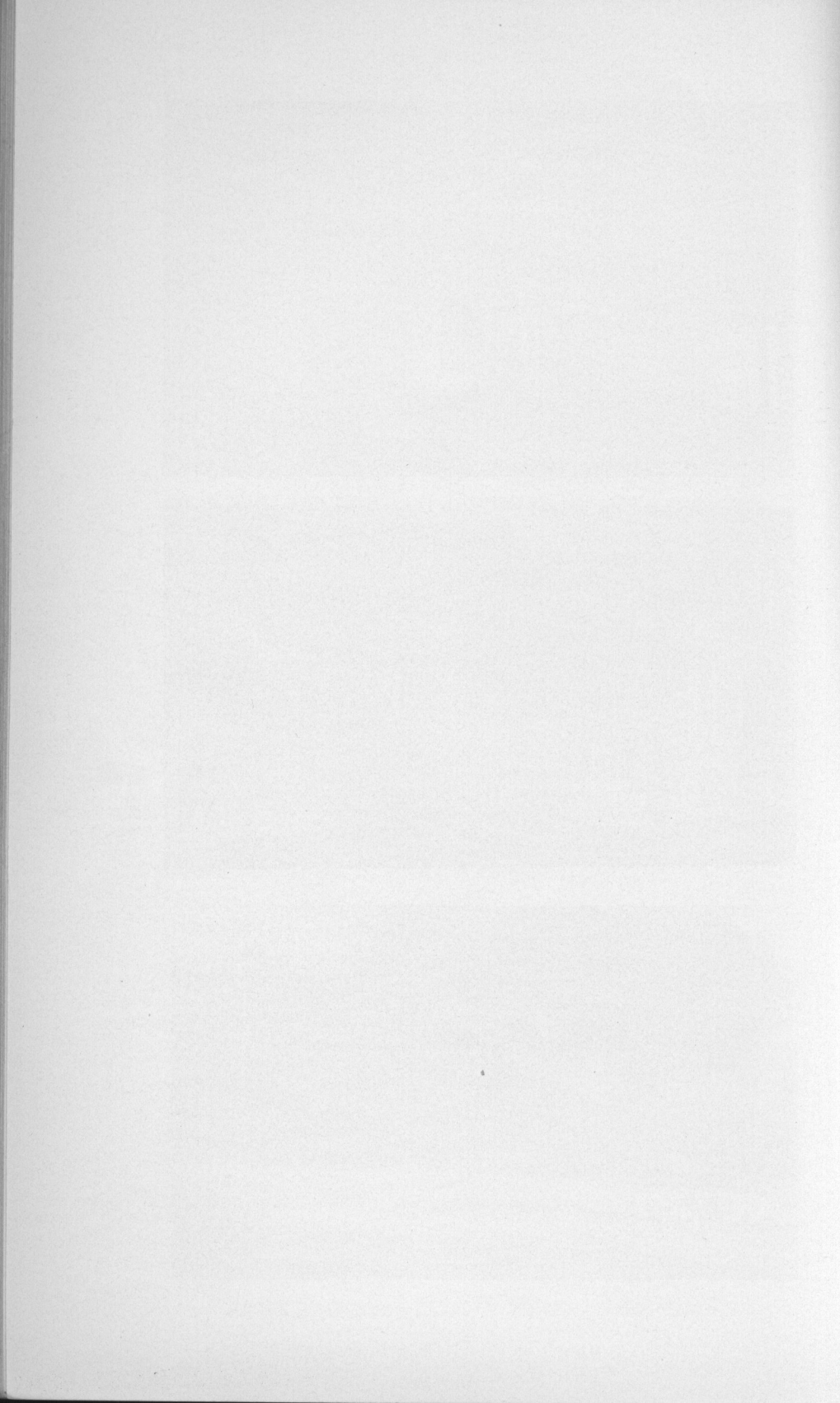
Courses preceded by * are not given in 1939-1940



SCIENCE HALL

CONSERVATORY OF MUSIC

GATEWAY



BIBLE

Mr. French, Mr. Dalrymple, Mr. Burg, 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 history 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 academy course in Bible. Two credits; autumn; Sec. A., T. Th., 8:00; Sec. B., T. Th., 8:55; 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., 8:55; 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 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 Doctrine*, by Alonzo J. Wearner. 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 view-point that these things "were written for our admonition upon whom the ends of the world are come." Attention to the historical setting of the prophecies, with careful exegetical study of the text, emphasizing the fundamentals of the gospel as contained therein. Collateral reading; theme work. Three credits; autumn, winter, spring; M. W. F., 8:55.

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.

171. *The Bible in Archaeology.* A study of the bearing of archaeology on the Bible. A survey of excavation in Bible lands, how they are carried on and the results. Decipherment of ancient forgotten languages, information of history and culture of Bible times, customs and habits, business and religion. Specific attention to the service rendered to Bible study: how the Bible has been illuminated, clarified, and confirmed, by ever-increasing discoveries. Lectures, pictures, collateral reading, topical studies. Three credits; autumn; M. W. F., 8:00.

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 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. *Evidences of Christianity.* A philosophic interpretation of the relations between Christianity and modern thought, with a defense of the validity of Christian experience and doctrine. Three credits; spring.

181-182-183. *Homiletics I.* An introduction to the preparation and giving of Bible studies and sermons. Biblical topics will be organ-

* Not offered in 1939-40.

ized 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.

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 of 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. *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 Reformation and the development of the Protestant 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., 10:30.

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

* Not offered in 1939-40.

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.

15. *Normal Lettering*. One quarter of lettering is required of all students in Teacher Training, including elementary principles of lettering and their application to practical use. One-half credit; autumn; T. Th., 11:25.

BIBLICAL LANGUAGES

Miss Holmden, Mr. Lindsjo

For a major in Biblical languages 45 credits are required, of which fifteen credits must be upper division work.

For a minor in Biblical languages 30 credits are required, of which nine 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' Grammar 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*. A course in translation and grammatical interpretation, based in the first quarter on selections from the gospels or the *Revelation*; in the second, on the *Septuagint*; in the third, on the *Book of Acts*, or Luke's gospel. Texts of special interest to the students will be discussed in class. Texts: *Novum Testamentum Graece*, E. Nestle; *Selections from the Septuagint*, Conybeare and Stock. Three credits; autumn, winter, spring; M. W. F., 8:00.

101, 102, 103. *A Study of the Pauline Epistles*. Three credits; autumn, winter, spring.

*151. *The Reading of the Book of Hebrews*. Special attention will be given to the study of advanced New Testament syntax. Three credits; autumn.

*152. *Translation of Non-Literary Papyri of the First Century*. Three credits; winter.

* Not offered in 1939-40.

*153. *The Reading of Selections From the Apostolic Fathers.* Three credits; spring.

II. HEBREW

131-132-133. *Hebrew I.* Reading of selected portions of the Old Testament in Hebrew with a 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.

III. LATIN

*1-2-3. *Elementary Latin.* Grammar and exercises. For students who have had no Latin. Five credits; autumn, winter, spring. To be arranged.

*101-102-103. *Ecclesiastical Latin.* Selections from the religious literature of the Middle Ages. To be arranged.

BIOLOGY

Requirements for a minor in biological science: 27 credits including one upper division course.

1-2-3. *College Zoology.* This course embraces a general survey of the animal kingdom including type forms, with special emphasis of medical aspects and of general principles. Three hours attendance. Three credits; autumn, winter, spring; M. W. F., 8:55.

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

3A. *Mammalian Anatomy.* A laboratory course to accompany College Zoology during the spring quarter. This course may also be taken independently of College Zoology. The work will cover the dissection of the cat. Four hours attendance. One credit; spring.

6-7. *Bacteriology.* The nature of bacteria and disease-producing organisms with their life habits and methods of growth and reproduction. The relation of these organisms to disease processes in the human body. Methods of controlling disease and of producing immunity to pathological organisms. Three credits; winter, spring; M. W., 10:30.

15-16-17. *Anatomy and Physiology.* A course open only to pre-nursing and pre-dietetic students. This is a general basic course in which anatomy and physiology are given equal emphasis. Sufficient hygiene is also covered to provide a practical basis for the course. Three credits; autumn, winter, spring; M. W. F., 8:00.

* Not offered in 1939-40.

*52-53. *Sanitary and Food Bacteriology*. Fundamental public health bacteriological procedures on all foods in common use including milk and water analysis and their relation to health and sanitation. Bacterial tests are made on soil and air. The course is designed to meet the needs of students interested in foods and sanitation. Upper division credit by arrangement with instructor. Two hours attendance. Two hours laboratory. Three credits; winter, spring.

55-56-57. *Fundamentals of Biology*. This course is a survey of both plant and animal kingdoms, with special reference to life habits, economic relations, conservation, and appreciation of natural history. It is intended for the general college student. Laboratory work will give practical experience in the field. Three hours attendance. Four hours laboratory. Four credits; autumn, winter, spring: M.W.F., 11:25.

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

101-102-103. *College Physiology*. A general course in physiology and hygiene. Since function is unintelligible without a knowledge of structure, anatomy sufficient to properly understand physiology is undertaken. Three hours attendance. Four hours laboratory. Four credits; autumn, winter, spring; M. W. F., 8:55.

155-156-157. *Ecology*. The study of principles governing distribution of plants and animals; studies of typical biotic associations; descriptions and life histories of vertebrates and invertebrates, with special attention to birds and mammals; problems of classification; a systematic study of the vertebrate fauna of the Pacific Northwest. Prerequisite: Biology 1-2-3, or 55-56-57. Two hours attendance. Four hours laboratory. Three credits; autumn, winter, spring; T. Th., 8:55.

*175. *Field Ecology*. Given in connection with the Field Nature School. 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 somewhat, but the usual dates are during July or August. Prerequisites: Biology 1-2-3, 55-56-57, or 75. Two to four credits; summer. Given in 1939.

*177-178-179. *Human Parasitology*. A systematic study of typical morphology, life cycle, and the medical aspects of the protozoa, worm, and arthropod parasites of the human body. Prerequisite: Biology 1-2-3 or 55-56-57. Two hours attendance, two hours laboratory. Three credits; autumn, winter, spring; T. Th., 10:30.

HEALTH

15. *Health Principles*. The purpose of this course is to study and understand the simple laws governing health; the principles of tific health laws governing community hygiene are studied. Three credits; autumn; Sec. A., M. W. F., 8:00; Sec., B., M. W. F., 8:55; spring; Sec. C., M. W. F., 10:30.

* Not offered in 1939-40.

*16-17. *Practical Hygiene and First Aid.* Theoretical and practical healthful living and personal hygiene in daily habit of living. Scientific 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.* An introductory course intended to prepare the student for the field of nursing. Includes a survey of nursing history and education, denominational health history, sanitarium principles, and an introduction to the economic problems and social relations in the art of healing which the nurse is increasingly called upon to meet. Two credits; autumn, winter, spring; T. Th., 11:25.

51-52-53. *Medical and Training Course for Men.* A practical instructional program covering American Red Cross First Aid technique, principles and practice of nursing and sanitation, field drill, and Christian attitude toward government. One hour attendance. Four hours of laboratory. Two credits; autumn, winter, spring.

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.

Requirements for the minor in Business Administration:

* Not offered in 1939-40.

(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.*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.

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 behaviour; 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; manifold; statement work; figures; speed practice. Speed requirement for three credits: 40 words per minute. Special grades based on international rules. Three class 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 1939-40.

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. Prerequisite: 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. Bowers, Mr. Thurston

Requirements for the major in chemistry.

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

General inorganic chemistry—12 credits.

Organic chemistry—19 credits.

Analytical chemistry: qualitative—5 credits, quantitative—5 credits.

Physical chemistry—10 credits.

(b) Mathematics should be elected in the freshman year.

(c) Physics should be elected in the sophomore year.

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

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

Requirements for a minor in chemistry.

(a) Courses 1-2-3 and 51-52-53 are required.

(b) One upper division course is required.

1-2-3. General Chemistry. A systematic study of typical non-metals together with a survey of all the elements. Great emphasis is placed on fundamental principles and theories. Three hours attendance. Four hours laboratory. Three credits; autumn, winter, spring; M.W.F., 8:00.

1A-2A-3A. General Chemistry Laboratory. This course accompanies general chemistry. It includes typical laboratory preparations and elementary experiments. During the third quarter elementary 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: Courses 1-3. 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: Courses 1-3. Two hours attendance, and four hours laboratory. Three 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 one unknown is a required part of the course and helps to train the student in systematic and individual analysis.

73. *Biochemistry*. A study of foods and products of metabolism. An attempt is made to trace the chemical change in the animal organism. Prerequisite: Courses 51-53. 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. Prerequisite: Courses 51-53. Four hours attendance. One credit; spring.

102. *Qualitative Analysis*. A study of the tests and methods employed in qualitative analysis, and analyses of liquid and solid unknowns. Prerequisite: Courses 61-62. Three to nine hours laboratory and conference with instructor. One to three credits; autumn. Hours to be arranged.

*111-112. *Physical Chemistry*. An introductory course in theoretical and electrochemistry. Prerequisite: Physics 1-3, Chemistry 1-3, and Mathematics 3. Three hours attendance. Six hours laboratory. Three credits; autumn, winter.

111A-112A. *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 electro-chemistry. Six hours; two credits; autumn, winter.

153. *Quantitative Analysis*. This course includes the study of typical gravimetric and volumetric methods, and the practical examination of ores and commercial products. Prerequisite: Course 101. Three to nine hours laboratory and conference with instructor. Maximum credit nine hours. One to three credits each quarter; autumn, winter, spring. Hours to be arranged.

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: Courses 51-53. Three hours attendance. Three credits; autumn; M. W. F., 10:30.

161A. *Aliphatic Laboratory*. A study of the laboratory procedures and preparation of a series of straight chain carbon compounds. Eight hours; two credits; autumn.

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: Courses 51-53. Three hours in attendance. Three credits; winter; M. W. F., 10:30.

* Not offered in 1939-40.

162A. *Aromatic Laboratory*. This course includes the actual preparation of several typical compounds together with a study of their preparations and uses.

163. *Organic Preparation*. This course is designed for those who desire a broader knowledge of organic laboratory procedures and may be devoted to the aliphatic or aromatic fields or both. Prerequisite: Courses 161 or 162. Two or three credits; autumn.

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 laboratory teaching, are discussed and practice in both is undertaken. Open to those who select a major in chemistry. Two credits; autumn, winter, spring.

EDUCATION

ELEMENTARY

Miss Neilsen, Director

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

1. *Introduction to Education*. A study of school practice and management, dealing especially with types of lessons, daily programs, discipline, school sanitation, and kindred topics. Three credits; autumn; M. W. F., 8:55.

2. *Principles of Education*. A study of the underlying principles of education. Three credits; winter; M. W. F., 8:55.

3. *Story Telling*. A study of the possibilities and techniques of story telling. Stories prepared, told before a class, and discussed. One or two credits; spring.

11. *Techniques of Reading*. Objectives and methods in modern reading. Three credits; autumn; M. W. F., 10:30.

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

13. *Bible in the Elementary School*. In this course the context of material is reviewed with special study given to the methods of teaching the subject matter to children in an effective way. Two credits; spring; T. Th., 10:30.

22, 23. *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; picture study. One credit; winter, spring. Time to be arranged.

31. *English in the Elementary School*. A course emphasizing both content and teaching procedures in the related fields of literature, language, grammar, and spelling. Two credits; autumn; T. Th., 10:30.

32. *Social Science in the Elementary School*. Materials, objectives, and methods used in teaching social science in the grades. Chosen from the fields of geography, civics, and history. Two credits; winter; T. Th., 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.

41, 42, 43. *Industrial Arts*. Covering the teaching in the grades of such manual activities as elementary woodwork, agriculture, and home economics. One credit; autumn, winter spring. Time to be arranged.

51. *School Law and Management*. A study of the history, the constitution, the school law, and the course of study of the state of Washington. Three credits; autumn; M. W. F. Time to be arranged.

81, 82, 83. *Student Teaching I*. Observation and teaching in the lower grades of the Training School. Problems of method, management, and testing of achievement are met and solved in practical class room situations. Enrollment only with permission of the Director of the Training School. One credit; autumn, winter, spring. Time to be arranged for each student.

91, 92, 93. *Student Teaching II*. Observation and teaching in the upper grades of the Training School. Each student teacher 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. Total seven credits for autumn, winter, spring. Time to be arranged for each student.

102. *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; winter; M.W.F., 1:15.

SECONDARY

Mr. Sittner, Miss Foreman

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.

101. *Problems of Adolescence*. Physical, mental, and moral characteristics and needs of youth. Special stress is given intelligent methods of guidance and the practical application of the psychological principles involved. Prerequisite: Educational Psychology I or teaching experience. Three credits; autumn; M. W. F., 11:25.

*113. *Advanced Educational Psychology*. Psychological elements of the learning process; motives and capacities as a basis of learning; individual differences; habit formation; technique of learning;

* Not offered in 1939-40.

the learning curve; emotional adjustment. Prerequisite: General or educational psychology. Four credits; spring; M. T. W. Th.

121. *Secondary Education*. The evolution, scope, and functions of secondary education, including the field of the junior high school, the junior college, denominational schools, and other educational agencies in relation to social needs; it presents particularly the purpose, objectives, and attainable goals for secondary schools, and the several curriculum offerings. Prerequisite: Junior standing. Three credits; autumn; M. W. F., 8:55.

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.

126. *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 problems of marriage and home building. Two credits; autumn; T. Th. Time to be arranged.

127. *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.

128. *School Home Administration*. A course open to a limited number of students 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.

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 elementary and secondary subjects, the value and limitation to the teacher and supervisor of these tests, and their statistical treatment. Opportunity will be provided for the application of the scales

and studies. Prerequisite: 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.

162. *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; winter; 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; 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.)

* Not offered in 1939-40.

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.

ENGLISH

Mr. Neff, Mr. Aplington, Mr. Lewis, Mrs. Parker

The department of English comprises three divisions; literature, composition, and speech. A major is offered in literature. Minors are offered in literature, composition, and speech. English 1, 2, 3 are requisite in all courses in all departments of the College and do not apply toward a major or a minor in English.

The upper division courses in literature are divided into the following three groups:

GROUP I

Old English Literature (Course 101)
Middle English Literature (Courses 102, 104-105)
Renaissance Literature (Courses 107, 108)

GROUP II

Elizabethan Literature (Courses 114-115-116)
Seventeenth Century Literature (Courses 109, 111, 112)
Eighteenth Century Literature (Courses 117, 118, 119)

GROUP III

Early Nineteenth Century Literature (Courses 121, 122, 123)
Late Nineteenth Century Literature (Courses 124, 125, 126, 131)
American Literature (Courses 137, 138, 139, 141, 142, 143)

Requirements for a Major in English

	CREDITS
71. Introduction to Poetry	2
72. Introduction to Prose	2
73. Introduction to the English Language	2
74-75-76. Literature Backgrounds	9
161, 162, 163. World Literature	6
199. Senior Pro-Seminar.....	3

* Not offered in 1939-40.

One complete course	
in each major group (minimum).....	15
Continuation of study in one major group.....	6
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	45

English History 61-62-63 is required for majors in English.

Courses in Modern European History, and in French and German are recommended.

A minor in English requires a minimum of 27 credits, of which 21 shall be in literature. English 71, 72, 73, 74-75-76 are required of all English minors.

Substitutions for the requirements are allowed to fit a student's course of study if approved in writing by the Department of English.

COMPOSITION

1. *Freshman English*. The principles and practice of composition. Sentence and paragraph development and a reading program to develop style and criticism. Three credits; autumn. Repeated in winter. M. W. F., Sec. A., 8:00; Sec. B., 8:55; Sec. C., 10:30; Sec. D., 11:25; Sec. E., 11:25; Sec. F., 11:25; Sec. G., 1:15.

2, 3. *Freshman English*. A continuation of Composition 1 with more advanced work in exposition, argumentation, narration, and description. Three credits; winter, spring. (Hours same as English 1.)

11-12-13. *Introduction to Journalism*. See Department of Journalism, Course 11, 12, 13. Two credits; autumn, winter, spring.

*49. *Verse Writing*. A study of verse forms, basic principles of poetry with discussion and criticism of individual writing. Three credits; spring.

111, 112, 113. *Advanced Composition*. See Department of Journalism, Courses 111, 112, 113. Two credits; autumn, winter, spring.

LITERATURE

71. *Introduction to Poetry*. A study of the basic principles of poetry, the philosophy and nature of the art, technical terms of poetry and the various forms of poetry. Two credits; autumn; T. Th., 8:55.

72. *Introduction to Prose*. A critical analysis of the various types of prose, particularly the narrative forms. Two credits; winter; T. Th., 8:55.

* Not offered in 1939-40.

73. *Introduction to the English Language*. A historical and philosophical approach to the English Language and current standards of usage, with a scientific analysis of the same. Two credits; spring; T. Th., 8:55.

74-75-76. *Literature Backgrounds*. A chronological study of study of English literature stressing English classics especially Beowulf, Chaucer, Spenser, Shakespeare, Dryden, Pope, Johnson, and the Romantic and Victorian groups. Three credits; autumn, winter, spring; M. W. F., 8:55.

*81. *Modern English Poetry*. A study of the new movements in English poetry from Thomas Hardy to the most modern writers. Two credits; autumn.

*82. *Modern American Poetry*. A study of the new movements in American poetry of the twentieth century. Two credits; winter.

83. *Modern Prose*. A study of the new style and values in essays, descriptive prose, and narratives. Two credits; spring; T. Th., 1:15.

84-85. *Biography*. A study of great biographies from an appreciative and critical viewpoint. This study will include eighteenth, nineteenth, and twentieth century masters of this type of prose. Upper division credit may be secured by upper division students. Two credits; autumn, winter, T. Th., 1:15.

*101-102. *Old and Middle English*. Ancestry and growth of English literature to Chaucer. Old English works are studied in translation. Two credits; autumn, winter.

104-105. *Age of Chaucer*. The writings of Chaucer and his contemporaries in the light of the political, social, and religious background. Three credits; autumn, winter; M. W. F., 10:30.

*107, 108. *English Renaissance Literature*. Intensive study into the works of English Renaissance poets. Stress is laid on the religious and political controversies of the period. Three credits; autumn, winter.

*109. *Seventeenth Century Poetry*. Poets of the century are studied and their works are considered in relation to the religious and philosophic thought of the age. Two credits; spring; T. Th., 10:30.

111, 112. *Age of Milton*. A study of the chief poetry and prose of John Milton and his relation to the age. Three credits; autumn, winter; M. W. F., 8:55.

*114, 115. *Elizabethan Masterpieces*. Extensive reading of those great creative works for which the age of Elizabeth was famous with attention to historic backgrounds. Three credits; autumn, winter.

*117. *Restoration and Neo-classic Literature*. Tracing the development of pseudo-classicism. Study of Bunyan, Dryden, Pope, and essayists. Three credits; autumn.

* Not offered in 1939-40.

*118. *Eighteenth Century Prose*. A study of the prose writers from Defoe to Samuel Johnson. Three credits; winter.

119. *Eighteenth Century Poetry*. The study of the Pre-Romantic movement and the influences of the age upon the writers. Three credits; spring; M. W. F., 10:30.

121-122-123. *The Romantic Period*. Emphasis is placed on the Wordsworth-Coleridge group and the backgrounds of the Romantic movement in Europe. The later Romantic poets are studied as well as the prose masters, Lamb, Hazlitt, and Macaulay. Special attention is given to style and the principles of literary criticism. Three credits; autumn, winter, spring; M. W. F., 8:00.

*124, 125, 126. *Victorian Poetry*. A study of the late nineteenth century poets, particularly Tennyson and Browning. Three credits; autumn, winter, spring.

*127, 128, 129. *The English Essay*. A critical study of the history style, and philosophical import of the English periodical and familiar essay. Creative writing of essays is a part of the course. Two credits; autumn, winter, spring.

*131. *Late Nineteenth Century Prose*. Arnold, Ruskin, Carlyle, and Stevenson are read with special attention to their philosophy and criticism. Three credits; spring.

*134-135-136. *The English Essay*. A critical study of the history, style, and philosophical import of the English periodical and familiar essay. Creative writing of essays is a part of the course. Two credits; autumn, winter, spring.

137, 138, 139. *Major American Poets*. A study of the major poetry of America and the critical theories of the poets. Two credits; autumn, winter, spring; T. Th., 10:30.

141, 142, 143. *Masters of American Prose*. Advanced study in outstanding writers of the American field including Emerson, Thoreau, Hawthorne, Mark Twain, and Melville. Two credits; autumn, winter, spring; T. Th., 11:25.

*151, 152, 153. *Literature of the English Bible*. Detailed analysis of the literary qualities of the Bible stressing the lyrical, historical, and rhetorical passages. Three credits; autumn, winter, spring.

161, 162, 163. *World Literature*. A comparative study of the masterpieces of Greek, Roman, Celtic, Italian and other European literatures. This course stresses the cultural and literary heritage of English and American literatures. Two credits; autumn, winter, spring; T. Th., 8:55.

199. *English Pro-Seminar*. Aims of English scholarship are studied. A review of world literature and English and American literature is made with comprehensive examinations. Methods of English teaching in secondary schools are discussed. Required of all English

* Not offered in 1939-40.

majors in their senior year. Three credits; spring; M. W. F.; Hour to be arranged.

SPEECH

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. *Oral Reading of Literature*. Fundamentals of interpretative reading. Studies in naturalness, variety, climax, and projection. For freshmen students only. Two credits; autumn, winter, spring; T. Th., 11:25.

41-42. *Essentials in Speaking*. A foundation course in the essentials of public speaking. Training in careful articulation, audibility, and the application of speech to life situations. Prerequisite: Freshman English (excepting by special permission in the case of students who have had courses in public speaking in high school). Two credits; autumn, winter; Sec. A., T. Th., 8:55; Sec. B., T. Th., 10:30.

43. *Parliamentary Procedure*. This course is a survey of the principles in parliamentary theory which will be supplemented with practice in the class room. Prerequisite: Speech 41-42. Two credits; spring; T. Th., 10:30.

*45. *The Speaking Voice*. A study of the mechanism of the voice, its correct use and coordination of mind, voice and body. Upper division credit for upper division students. Three credits; winter.

46. *Oral Interpretation of Literature*. A class in the fundamentals of interpretative reading open to those who have already had Speech 41-42 and who desire further opportunity to develop skill in reading aloud, both for their own enjoyment and for use in the classroom and before public groups. Two credits; spring; T. Th., 8:55.

141-142-143. *Advanced Public Speaking*. Intensive study in oral address, platform speaking, and special forms of public address. Registration in class limited. Prerequisite: Six credits of speech. Two credits; autumn, winter, spring; T. Th., 8:00.

144-145-146. *Argumentation and Persuasion*. The study of the principles of argumentation and their application to debate. The essentials of clearness, straight-thinking, conviction and persuasion are stressed. A study is made of the forum and the panel discussion. Prerequisite: Six credits of speech. Two credits; autumn, winter, spring; T. Th., 2:00.

*147. *American Oratory*. A study of the significant orators and their orations and methods of rhetorical presentation. Prerequisite: Six credits of speech. Two credits; autumn.

* Not offered in 1939-40.

*148. *Rhetoric of Public Speaking*. Developing an effective and individual oral style with the principles and organization of persuasive appeal in the various forms of public address. Prerequisite: Nine credits of speech. Three credits; winter.

*152-153. *Radio Speech*. Voice and diction as they pertain to the radio are basic in the course. Standards of American speech, preparation of radio speeches and continuity, program building, studio technique are included. Practice before the microphone and over the wired radio system. Programs may also be presented on radio stations. Prerequisite: Eight credits of speech. Number of students in class is limited. Two credits; winter, spring.

HISTORY

Mr. Christian, 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.

* Not offered in 1939-40.

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., 10:30; 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

* Not offered in 1939-40.

division credit by arrangement with instructor. Three credits; autumn, winter, spring.

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

*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 Renaissance and the preparation for the Reformation, with the great discoveries opening the world for modern history. Three credits; autumn, winter, spring.

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. 11:25.

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., 11:25.

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., 11:25.

141. *History of American Religions: the Colonial Period*. A brief study of the European background of American religion, followed by an historical analysis of religion in the American colonies up to the middle of the eighteenth century. Prerequisite: History 71. Two credits; autumn; T. Th., 10:30.

142. *History of American Religions: the Early National Period*. The effects of the American Revolution upon the churches; westward expansion of religious interests; schisms and new sects; the effects of slavery, the Civil War and reconstruction upon the churches. Prerequisite: History 71, 72. Two credits; winter; T. Th., 10:30.

* Not offered in 1939-40.

143. *History of American Religions: the Industrial Era.* The westward march of religion to the Pacific; challenges of the Age of Big Business; institutionalizing and socializing religion; effects of the World War and the depression; current trends in American religion. Prerequisite: History 71, 72, 73. Two credits; spring; T. Th., 10:30.

*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.

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

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

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; T. Th., 8:55.

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; T. Th., 8:55.

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; 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; autumn.

*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; winter, spring; hour to be arranged.

* Not offered in 1939-40.

HOME ECONOMICS

Miss Schluntz

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

In addition to the forty-five credits prescribed for a major the student must complete the following:

Physiology. Nine credits.

Bacteriology. Six credits. Course 6-7 or 52-53.

Chemistry. Twenty-one credits. Courses 1-2-3, 51-52, and 76.

1, 2, 3. *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. Table service and menu planning in the spring quarter. Three credits; autumn, winter, spring; M. W., 8:55. Laboratory, M. or W., 1:15-4:00.

40. *Essentials of Design.* Lectures, discussion, and laboratory work showing the application of design principles to practical art problems. Develops standards of judgment through analysis of fine pictures, textiles, etc., and through laboratory work. Two credits; autumn; T. Th., 10:30-12:15.

41. *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.

42. *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. *Clothing I.* Fundamental principles underlying the planning, selection, and construction of garments of washable materials. Fitting and use of commercial patterns. Three credits; autumn; T. Th., 1:15-4:00.

72-73. *Clothing II.* Problems in pattern designing and making of various types of sleeves, collars, plaits, and flares. Construction of woolen garments and other garments as assigned by instructor. Three credits; winter, spring; T. Th., 1:15-4:00.

102. *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.

*103. *Home Management.* Management problems of the homemaker in regard to income, time, labor, and family relationships. Three credits; spring.

* Not offered in 1939-40.

132-133. *Clothing III*. This course offers advanced work in clothing construction and design. Prerequisite: 71, 72. Three credits; autumn, winter; M. W., 1:15-4:00.

134-135. *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.

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

*161-162. *Dietetics*. A study of the fundamental principles of human nutrition as applied to individuals or groups in health and in normal condition which relates to diet. Prerequisite: Courses 1-2-3, and General Chemistry; prerequisite or parallel: Chemistry of Foods. Three credits; autumn, winter.

163. *Experimental Cookery*. Readings and discussions of experimental work in cookery problems. Investigation in food preparation and food economics problems. Prerequisite: Courses 1-2-3, Chemistry of Foods. Three credits; spring.

175-176. *Institutional Training*. This course offers practical work in the school cafeteria for those who are interested in doing advanced matron work. Three credits; autumn. Two credits; winter. Time to be arranged.

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

183. *Home Economics Seminar*. Required of all majors. Studies of selected topics and reviews of current literature. Special investigations of problems. Prerequisite: at least 30 credits of Home Economics. One credit; spring.

LIBRARY SCIENCE

Mrs. Sittner

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

JOURNALISM

Mr. Neff

The Journalism Department offers a minor in the field of journalism with adequate laboratory work on school publications, projects, and newspaper reporting. To qualify for a minor in this department the student must

* Not offered in 1939-40.

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 entering the department of journalism.

11-12-13. *Introduction to Journalism*. A fundamental course in news gathering, writing news stories and feature articles, practice in copy reading and proof reading, and study of general newspaper criticism. Prerequisite: Proficiency in English 1, 2, 3. Two credits; autumn, winter, spring; T. Th., 11:25.

14-15-16. *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.

111, 112. *Advanced Journalism*. Intensive study of newspaper and magazine writing, particularly feature writing, editorial writing. Prerequisite: Courses 11, 12, 13. Two credits; autumn, winter.

*117. *History of Journalism*. A study of journalism from 1620 to the present time in England and America with attention to the principles that guide the best newspapers. Two credits; autumn.

118. *Ethics of Journalism*. The problems of and research into the principles underlying modern newspapers. Two credits; spring.

*119. *Propaganda*. Intensive study of the influences of journalism upon public opinion. Two credits; spring.

121, 122, 123. *Editorial Writing and Research*. A course based upon individual study, writing, and editorial management open to outstanding juniors or seniors who are minoring in Journalism. One or two credits. Conferences to be arranged.

MATHEMATICS

Miss Godfrey

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.

* Not offered in 1939-40.

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. Five credits; autumn; M. T. W. Th. 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.

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

6. *Analytic Geometry*. The equations of the straight line and conic sections and their relation to the rectangular and polar coordinates. Five credits; spring; M. T. W. Th. 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. Five credits; autumn, winter, spring; M. T. W. Th. F., 8:00.

*102. *Spherical Trigonometry*. Elements of trigonometry as applied to the spherical triangle and to navigation and astronomy. Two credits; winter.

*103. *Solid Analytic Geometry*. Typical equations of the plane, sphere, paraboloid, hyperboloid, and ellipsoid and their relation to rectangular and polar coordinates. Two credits; spring.

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; T. Th., 10:30.

*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.

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; T. Th., 11:25.

* Not offered in 1939-40.

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; T. Th., 11:25.

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 nine credits in the same language is necessary to meet the College requirement. If the preparatory school requirement has been met by a language other than French or German, then it will be necessary to obtain twenty-four credits of either French or German 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.

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

* Not offered in 1939-40.

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 53-54-55 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, Lamartine, and DeVigny. 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 1939-40.

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, Mr. Schyde

Prerequisites: Sight-singing I, Directing I, Fundamentals, Advanced Standing in Applied Music.

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

1, 2. *Fundamentals of Music*. A class especially designed for ministerial 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. 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.

29. *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., 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. Two credits; autumn, winter, spring; T. Th., 1:15.

64, 65, 66. *Directing II*. Prerequisite: Directing I. Choir directing. Standard anthems studied. Practical experience using the class as a choir. Text: *Essentials in Conducting*, by Gehrkens. 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 of simple accompaniments. One credit; autumn, winter, spring.

71. *Advanced Sight-Singing*. A more concentrated course in sight-singing designed for majors in music. Two credits; autumn.

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. Three 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 in orchestrating and 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 to 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 keyboard 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	<i>Poulenc</i>
1 Organ transcription	2 Waltzes	Suite or Mouvemens Perpetuels
	1 Mazurka	
	1 Ballade, scherzo, or polonaise	
	<i>Schumann</i>	<i>Toch</i>
	Papillon or romance and nov-elette	The Juggler
<i>Handel</i>	<i>Schubert</i>	<i>MacDowell</i>
Harmonious Blacksmith	Minuet in B minor	Concert Etude F sharp
<i>Haydn</i>	<i>Mendelssohn</i>	
1 sonata	Prelude and fugue, Rondo Capriccioso or Song Without Words	<i>Ravel</i>
<i>Mozart</i>		Jeux d'Eau
Rondo, fantasia or sonata	<i>Brahms</i>	
	Rhapsody	A complete concerto from the classic, romantic or modern school
<i>Beethoven</i>	<i>Liszt</i>	
1 sonata	Etude, rhapsody or sonetto	

PIPE ORGAN

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

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

VIOLIN

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

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

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

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

VOICE

In this department a normal, natural development of the given powers of each student is undertaken, in place of set methods which frequently do not apply to a particular case. In other words, students are taught singing, not methods; and by singing is meant the all-

convincing ease and beauty implied by the term *bel canto*. Correct diction in English, French, German, and Italian is 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," "Elijah."

Junior year: Seven additional German songs from a list by Brahms, Wolff, Tschalkosky, Strauss, and Beethoven; five songs in English from a list by Rachmaninoff, Gretchaninov, Chadwick, Parker, Shaw, Coleridge, Taylor, or equally representative composer; 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, Sadere; 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, 7, 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. Prerequisite: Math. 51, Physics 1-2, 1A-2A-3A. Three credits; autumn, winter.

* Not offered in 1939-40.

*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; M. W., 1:15-4:45.

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 103. Two credits; winter; M. W., 1:15-4:45.

*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 radio-active 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 104. 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 1939-40.

PHYSICAL EDUCATION

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; 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.

POLITICAL SCIENCE

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 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.

* Not offered in 1939-40.

*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.

*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.

*51. *Comparative European Governments.* A study of the historical development of the major western European states, with present; extra-constitutional agencies and activities. Three credits; emphasis placed on contemporary problems. 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, 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.

* Not offered in 1939-40.

Printing 1-2-3; 7-8-9 are required of students minor-ing 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 funda-mental principles of operation. Two credits; autumn, winter, spring.

WOODWORK AND CARPENTRY

Mr. Emmerson

1-2-3. *Mechanical Drawing.* This course begins with simple geo-metrical construction and lettering. When a degree of proficiency in the use of instruments is acquired, working drawings of shop projects are made. During the spring quarter house planning is introduced. This course enables the student not only to make his own drawings, but also to read a blue print. Two credits; autumn, winter, spring, T., 1: 15-4: 15.

4-5-6. *Cabinet Making.* Special stress is laid on good construc-tion and exactness in all work. Furniture, such as library tables, buffets, chairs, cabinets, and cedar chests, is made during the year. Prerequisite: Elementary woodwork. Three credits; autumn, winter, spring. Shop open except Sunday and Friday afternoons.

7-8-9. *Turning.* This course is offered only to the advanced stu-dents in woodwork. Spindle, face plate, and chuck turning. Pre-requisite: Elementary woodwork. Two credits; autumn, winter, spring. Shop open except Sunday and Friday afternoons.

11, 12. *Painting.* Stains, fillers, paints, and varnishes, with their application. Particular study of color combinations and pleasing tone. Prerequisite: Courses 1-4. Two credits; autumn, winter. Hours to be arranged.

13-14-15. *Carpentry I.* This class builds a house during the school year. Each student is given the opportunity to become familiar with the details of house construction through actual practice. Textbook and lecture work precedes each of the building operations that the students 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 criti-

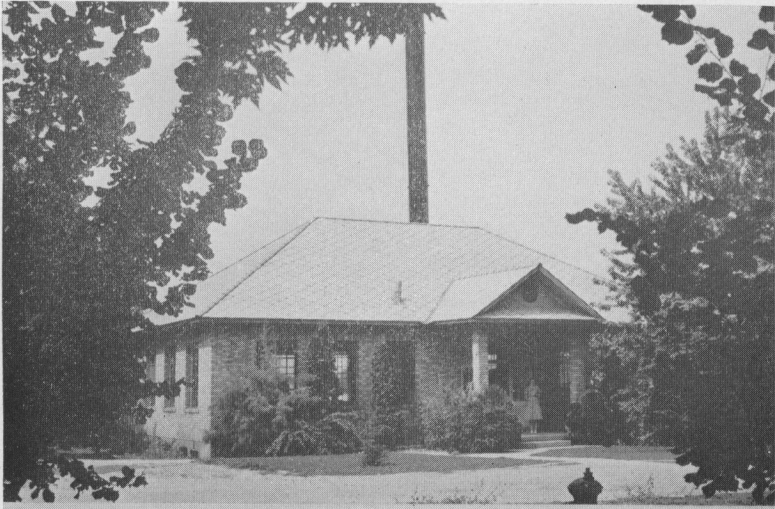
cally examined to discover what features are desirable and what might be improved. Three credits; autumn, winter, spring. Hours to be arranged.

*101-102-103. *Advanced Mechanical Drawing*. Completed drawings, house plans, machine parts, etc. Opportunity to specialize in the line of the student's interest is given in the projects of this course. Two credits; autumn, winter, spring.

*104-105-106. *Carpentry II*. Contracts, plans and specifications, estimating, designing of buildings, and foremanship. Emphasis is placed upon skill and efficiency. Students taking Carpentry II may work an additional number of hours, equal to the laboratory time, and receive pay for the extra time. Three credits; autumn, winter, spring.

109. *Design*. Spot and line composition, with period styles of furniture, is taken up and followed with original drawings by the students. Prerequisite: Courses 1-4. Two credits; spring.

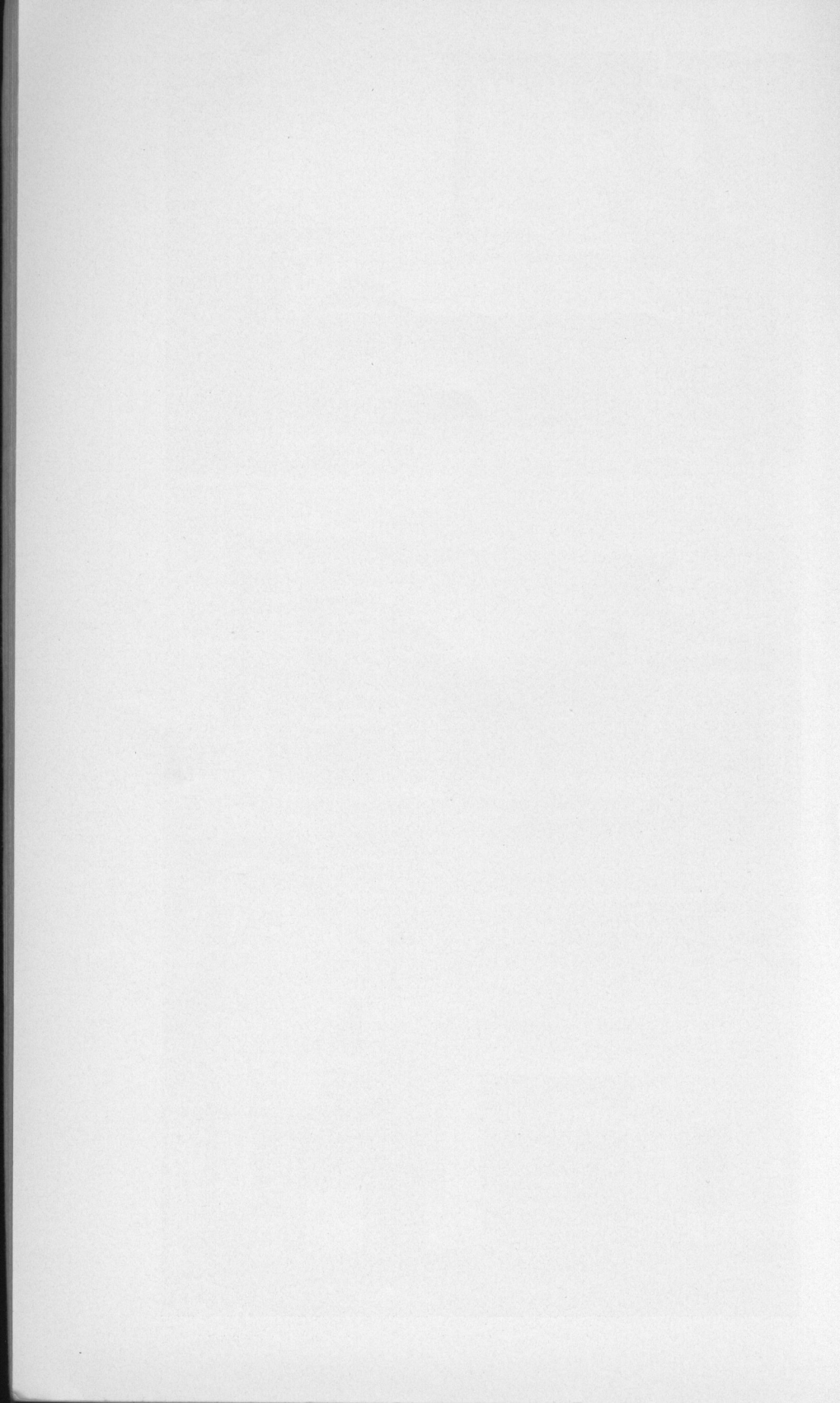
* Not offered in 1939-40.



LAUNDRY

STORE

GARAGE



PART IX

The School of Theology

G. W. BOWERS, Ph. D., President	T. M. FRENCH, B. Th., Dean
FRANCIS M. BURG, S. T. B.....	Professor of Applied Theology
GWYNNE DALRYMPLE, B. Th.,	Associate Professor of Church History
and Applied Theology	
THOMAS M. FRENCH, B. Th.....	Professor of Homiletics
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

(For the description of courses see *The Bulletin of the School of Theology*)

At the discretion of the Dean especially competent students may supplement their theological schedules with work from the College.

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
Education	3	Education	3	Practical Hygiene	3
Journalism	2	Journalism	2	Journalism	2
Speech	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					
Advanced Doctrines I	2	Advanced Doctrines I	2	Advanced Doctrines I	2
Homiletics I	2	Homiletics I	2	Homiletics I	2
Church History	3	Church History	3	Church History	3
Hebrew I	4	Hebrew I	4	Hebrew I	4
Field Work Seminar	1	Field Work Seminar	1	Field Work Seminar	1
Electives	4	Electives	4	Electives	4
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

Electives may be chosen from the following:

Ecclesiastical Latin, Advanced Grammar of N. T. Greek, Hebrew II.

Denominational History and Spirit of Prophecy, Text and Canon of the Bible, Oriental Religions, Archaeology, Evidences of Christianity.

The Book of Daniel, The Book of Revelation.

Hymnology.

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

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		Modern or		Modern or	
Ancient Language	5	Ancient Language	5	Ancient Language	5
Phys. Education	½	Phys. Education	½	Phys. 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
Phys. Education	½	Phys. Education	½	Phys. 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

*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.

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.

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

PART X

The Summer Session

The summer session is a regular quarter of the school term, operating on the usual twelve-week basis. Members of the teaching staff offer a variety of courses which may be applied on normal diplomas or liberal arts degrees.

The session is particularly beneficial for teachers in service during the winter who need additional courses to fulfill requirements, and students desiring to secure credits toward graduation.

Because of the smaller enrollment personal attention, instruction, and supervision is possible to a greater extent than during the winter sessions.

Extension Courses

Non-tuition Evening Extension Courses are available for such of the community who are not enrolled in the College. These courses run in the main concurrently with the quarter term.

COLLEGE ENROLLMENT OF 1938-1939

Post Graduate Students.....	2
Students in College Department.....	598
Special Students in College Department.....	12
TOTAL ENROLLMENT	602
Summer Session 1938.....	99
GRAND TOTAL	701

PART XI

Graduates of 1939

Bachelor of Theology

Jerald E. Christensen
Arthur J. Christian
Effie Mae Hale
Howard Hamel
Logan Earl Houser
Letcher Laverne Huntington
Harold A. Jenks
Emil H. Knauff
Don F. Neufeld
Reinhold Patzer
Walter Streifling

Bachelor of Arts

Henry Charles Alexander—Education
Stella Bohlman—Chemistry
Dorothy Cushman-Booth—English
Harold F. Christie—Chemistry
George Lester Cooper—Business Administration
Margaret Adair Craig—English
Verda Alma Deer—Mathematics and English
Verna Lily Dietrich—Secretarial Science
Vera Verdelle Ells, R. N.,—Education
Gordon Morris Ellstrom—History
Irma Gill-Fields—Education
Orson Ivan Fields—Education
Lilbourn Fred Hardin—Music
Doris Holt-Haussler—English
Leoldene Tupper-Horning—Business Administration
Lyle H. Jensen—Chemistry
Oliver William Lange—Education
Sylvia Lewis-Lange—Education
Mildred Matterand—English
Francis Henry Ober—History
Charles Gilbert Oliver—Business Administration
Martha Irene Peterson—Mathematics
Mervyn Telfort Purdy—Business Administration
Myrtle Edna Rowse—English

Ruth Kathryn Running—Home Economics

Bernice Evelyn Searle—English
Lorena Mae Smith—English
Ann Tartar—English
Warren A. Webster—History
Lois Maxine Wilson—English

Bachelor of Science

Laurence M. Andrews—Physics
Glen Cassius Bolton
Edwin George Lee
George Marshall Price—Chemistry
Allen J. Turk

Bachelor of Science in Home Economics

Mary Drayson-Hagle
Ann Olson, R. N.

Bachelor of Business Administration

Erwin S. Fowler
William Louis Pflugrad

Three-Year Normal

Billie Berry
Deltha Marie Givens
Oliver Sylvester Hall
Beverly Elwood McNeil

Two-Year Normal

Thelma Mae Doris Porter

Three-Year Premedical

Albert W. Kroll
Paul King Marsh, Jr.

Two-Year Premedical

Wilder S. Eby
Edwin George Lee
James R. Keeton

Secretarial

Edna Evelyn Day
Alvina Elnora Gruzensky
Marjorie Myrtle Harris
Rozelva Freda Stiles
Laurel Edna Parker

Pre-Dietetics

Eileen M. Baltzer
Etta G. Featherston

PART XII

Time Schedule of Classes

AUTUMN QUARTER, 1939

BIBLE

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

ART

Lettering	Miller	8:00	TTh	20
Art	Miller	8:55	MTWThF	20
Art	Miller	10:30	MTWTh	20
Normal Lettering	Miller	11:25	TTh	20
China Painting	Miller	1-4:00	W	20
Art	Miller	1:15-3:00	T	20

BIBLICAL LANGUAGES

Greek II	Holmden	8:00	MWF	13
Greek I	Holmden	8:55	M-F	13
Hebrew I	Lindsjo	8:00	M(T)WF	33
Pauline Epistles	Holmden		Arr.	13

BIOLOGY

Fundamentals of Biology		8:00	MWF	S.H.
Anatomy and Physiology		8:00	MWF	S.H.
College Physiology		8:55	MWF	S.H.
College Zoology		8:55	MWF	S.H.
Human Parasitology		10:30	TTh	S.H.

BUSINESS ADMINISTRATION

Course	Instructor	Hour	Days	Room
Prin. of Accounting I	Cubley	8:00	MW	30
Shorthand	Walker	8:00	M-F	31
Advertising	Cubley	8:00	TTh	30
Typing I	Walker	8:55	MWF	31
Prin. of Accounting II	Cubley	8:55	TTh	30
Typing II	Walker	11:25	MWF	31
General Economics	Cubley	10:30	MWF	30
Introduction to Business	Walker	10:30	T	31
Advanced Shorthand	Walker	10:30	MWF	31
Advanced Accounting II	Cubley	11:25	MWF	30
Business Correspondence	Cubley	10:30	T	30
Secretary Work	Walker	1:15	TTh	31
Pro-Seminar	Cubley	1:15	M	30
Penmanship	Walker	10:30	Th	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.
Aliphatic Series		10:30	MWF	S.H.

EDUCATION

General Psychology				
Sec. A	Sittner	10:30	MWF	10
Sec. B	Sittner	2:10	MWF	10
Secondary Education	Sittner	8:55	MWF	10
Introduction to Education	Neilsen	8:55	MWF	15
Techniques of Reading	Neilsen	10:30	MWF	15
Elementary English Methods	Neilsen	10:30	TTh	10
Problems of Adolescence	Sittner	11:25	MWF	10
Student Teaching I	Neilsen	Arr.		T.S.
School Management	Neilsen	1:15	MWF	10
Student Teaching II	Neilsen	Arr.		T.S.
Meth. of Sec. Math.	Neilsen	11:25	MWF	
Human Relations	Foreman	Arr.		1

ENGLISH

Composition

Freshman English				
Sec. A	Aplington	8:00	MWF	1
Sec. B	Aplington	8:55	MWF	1
Sec. C	Lewis	10:30	MWF	1
Sec. D	Lewis	11:25	MWF	1
Sec. E	Aplington	11:25	MWF	1
Sec. F	Neff	11:25	MWF	11
Sec. G	Lewis	1:15	MWF	1

Literature

Romantic Poetry	Lewis	8:00	MWF	3
Literature Backgrounds	Lewis	8:55	MWF	
Introduction to Poetry	Aplington	8:55	TTh	1
World Literature	Neff	8:55	TTh	11
Age of Milton	Neff	8:55	MWF	11
American Prose	Aplington	11:25	TTh	1
Biography	Aplington	1:15	TTh	15
Age of Chaucer	Neff	10:30	MWF	11
American Major Poets	Neff	10:30	TTh	11

Speech

Course	Instructor	Hour	Days	Room
Essentials of Speech	Parker			
Sec. A		8:55	TTh	15
Sec. B		10:30	TTh	15
Adv. Speech	Parker	8:00	TTh	15
Oral Reading	Parker	11:25	TTh	15
Argumentation and Persuasion	Parker	2:10	TTh	15

HISTORY

Survey of European History				
Sec. A	Christian	10:30	MWF	35
Sec. B	Christian	11:25	MWF	35
American History	Christian	8:55	MWF	35
Ancient History	Lindsjo	10:30	MWF	34
Colonial Latin America	Christian	8:55	TTh	35
American Government	Christian	10:30	MWF	35
Europe 1815-71	Christian	11:25	TTh	35
Hist. of American Religion	Christian	10:30	TTh	35

HOME ECONOMICS

Food Study	Schluntz	8:55	TTh	H.E.
Essentials of Design	Schluntz	10:30	MW	H.E.
		12:15		
Clothing III	Schluntz	1:15	MW	H.E.
Clothing I	Schluntz	1:15	TTh	H.E.
Foods Laboratory	Schluntz	1:15	M or W	H.E.
Child Development			Arr.	
Institutional Training			Arr.	
Ad. Institutional Training			Arr.	

JOURNALISM

Essentials of Journalism	Neff	11:25	TTh	11
Magazine Writing	Neff		Arr.	11

MATHEMATICS

Calculus	Godfrey	8:00	M-F	12
Advanced Algebra	Godfrey	8:55	M-F	12
Gen. Mathematics	Godfrey	10:30	MWF	12
Theory of Equations	Godfrey	11:25	TTh	12

MODERN LANGUAGES

Inter. German Literature	Serenson	8:55	MWF	33
Elem. German	Sorenson	10:30	M-F	33
Elem. French	Holmden	10:30	M-F	13
Intermediate German	Sonnenberg	11:25	MWF	33
German Composition	Sonnenberg	11:25	TTh	33
French Reading	Sorenson	11:25	MWF	13
German Directed Reading	Sorenson	11:25	Arr.	33
French Composition	Sorenson	11:25	TTh	33
Inter. French Literature	Sorenson	8:55	MWF	33

MUSIC

Course	Instructor	Hour	Days	Room
Hist. of Music & Appreciation	Gernet	8:55	MW	M.C.
Sightsinging	Gernet	10:30	T	M.C.
Harmony I	Gernet	1:15	MW	M.C.
Harmony II	Gernet	1:15	TTh	M.C.
Music Survey	Gernet	2:10	MW	M.C.
Music Fundamentals	Gernet	2:10	TTh	M.C.
Directing I	Johnson	2:10	M	M.C.
Directing II	Johnson	2:10	W	M.C.
Counterpoint	Gernet	3:05	MW	M.C.
String Ensemble	Johnson	3:05	MF	M.C.
Orchestra	Johnson	5:00	MW	M.C.
Band	Johnson	5:00	TTh	M.C.
A Cappella	Schryde			
Instrumental Ensemble	Johnson	3:05	MF	M.C.

NURSING EDUCATION

Health Principles				
Sec. A		8:00	MWF	S.H.
Sec. B		8:55	MWF	S.H.
Sec. C		10:30	MWF	S.H.
History of Nursing		11:25	TTh	S.H.

PHYSICS

Machine Shop	Kretschmar			
Sec. A		1:15	MW	2
Sec. B		1:15	TTh	2
General Physics	Kretschmar	8:55	M-Th	2
Atomic Physics	Kretschmar	10:30	MWF	2
Heat	Kretschmar		Arr.	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.
Remedial Calisthenics				
(Men)		3:05	MW	C.H.
(Women)		3:05	TTh	C.H.

Laboratory Appointments

CHEMISTRY:

General

Section A. Sunday 8-12 a.m.

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

Pre-Nursing

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

Analytical

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

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

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

Organic

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

Aliphatic or Aromatic, Tuesday 1:15-5 p.m., Wednesday, 1:15-3 p.m.

BACTERIOLOGY:

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

BIOLOGY:

Fundamentals of Biology

Section A. Sunday 8-12 a.m.

Section B. Tuesday, 1:15-5 p.m.; Wednesday, 1:15-5 p.m.

HUMAN PARASITOLOGY:

Monday, 1:15-5 p.m.

ZOOLOGY:

Tuesday, 1:15-5 p.m.

Thursday, 1:15-5 p.m.

PHYSIOLOGY

Sunday, 1:15-3 p.m.

Thursday, 1:15-3 p.m.

PHYSICS:

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

Machine Shop

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

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

Heat Laboratory, Monday, Wednesday, 1:15-4:45.

WOODWORKING AND CARPENTRY:

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

MECHANICAL DRAWING: Tuesday, 1:15-4:15 p.m.

PRINTING: See instructor for appointments.

AUTO-MECHANICS:

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

ACCOMPANYING: See instructor for appointments.

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

A CAPPELLA CHOIR:

Monday, 5-6 p.m.

Thursday, 5-6 p.m.

GLEE CLUBS:

Men, Tuesday, 5-6 p.m.

Women, Wednesday, 5-6 p.m.

ORCHESTRA:

Monday and Wednesday, 5-6 p.m.

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