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## Washington State Normal School, Cheney, Washington, annual catalog, 1934-1935

State Normal School (Cheney, Wash.)

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WASHINGTON  
STATE NORMAL  
SCHOOL

CHENEY, WASHINGTON



ANNUAL CATALOG

1934-1935



VOL. XXX  
No. 2

June  
1934

BULLETIN  
WASHINGTON  
STATE NORMAL  
SCHOOL

CHENEY, WASHINGTON

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ANNUAL CATALOG  
1934-1935

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Member of the American Association  
of Teacher's Colleges

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Entered as second class matter at Cheney, Washington, under  
the Act of Congress of July 16, 1894.

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## CALENDAR 1934-1935

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### Fall Quarter

Registration of Freshmen, Saturday, September 22.  
Registration of Sophomores, Juniors and Seniors, Monday,  
September 24.  
Instruction begins Tuesday, September 25.  
Preregistration for winter quarter, November 19-  
December 19.  
Thanksgiving recess begins Wednesday, November 28,  
noon.  
Thanksgiving recess ends Monday, December 3, 8:00 a. m.  
Instruction ends Wednesday, December 19, 4:00 p. m.

### Winter Quarter

Instruction begins Wednesday, January 2.  
Preregistration for spring quarter, February 18-March 16.  
Instruction ends Friday, March 15, 4 p. m.

### Spring Quarter

Instruction begins Monday, March 18.  
Spring recess begins Tuesday, April 2, 4:00 p. m.  
Spring recess ends Monday, April 8, 8:00 a. m.  
Preregistration for fall and summer quarters, May 13-  
June 8.  
Instruction ends Thursday, June 6, 4:00 p. m.

### Summer Quarter

Registration, Monday, June 10.  
Instruction begins Tuesday, June 11.  
Preregistration for fall quarter, July 29-August 21.  
Instruction ends Thursday, August 22, 3:00 p. m.

**BOARD OF TRUSTEES**

RICHARD S. MUNTER, *Chairman*.....Spokane  
 JOEL E. FERRIS.....Spokane  
 JAMES E. DILLARD.....Spokane

**STATE BOARD OF EDUCATION**

NOAH D. SHOWALTER.....State Superintendent  
 HUGO WINKENWERDER.....President, State University  
 ERNEST O. HOLLAND.....President, State College  
 RICHARD T. HARGREAVES..President, State Normal School, Cheney  
 ELMER L. BRECKNER.....City Superintendent, Tacoma  
 L. PEARLE HIBARGER.....County Superintendent, Yakima  
 S. E. FLEMING.....Assistant Superintendent, Seattle

**ADMINISTRATIVE OFFICERS—The School**

RICHARD T. HARGREAVES.....President  
 C. S. KINGSTON.....Vice-President  
 JULIAN E. BUCHANAN.....Director Summer Session  
 G. W. WALLACE.....Registrar, Dean of Men  
 EUNICE NELSON.....Dean of Women  
 H. N. STRONACH.....Accountant  
 CLARK M. FRASIER.....Director Training School  
 GEORGE E. CRAIG.....Director Placement Bureau  
 R. F. HAWK.....Director Research Bureau  
 O. W. FREEMAN.....Director Extension Division  
 FRANCES WILSON.....Director Dining Hall  
 EMILY J. CRANEY.....School Nurse

**ADMINISTRATIVE OFFICERS—The Departments**

J. E. BUCHANAN...Head, Department of Science and Mathematics  
 C. M. FRASIER.....Head, Department of Training Schools  
 J. W. HUNGATE...Head, Department of Applied Sciences and Arts  
 C. S. KINGSTON...Head, Department of History and Social Science  
 W. L. ROWLES.....Head, Department of Music  
 R. E. TIEJE.....Head, Department of Language and Literature  
 O. J. WILLIAMSON.....Head, Department of Education  
 A. C. WOODWARD.....Head, Department of Physical Education



**ASSISTANT ADMINISTRATIVE OFFICERS**

ISABEL RICHARDS.....Assistant Registrar  
DOROTHY P. YOUNG.....Secretary to the Dean of Women  
GLADYS P. QUINN.....Assistant Accountant  
FLORENCE McMONAGLE SHERFEY..Secy. to the Appointment Bureau

**LIBRARY STAFF**

HUGH M. BLAIR.....Librarian  
MARY E. BARTON.....Assistant Librarian  
RUTH M. JOHNSON.....Assistant Librarian  
MARIE HAAS.....Training School Librarian

**FACULTY COMMITTEES**

ALUMNI: Miss Lang, Mrs. Anderson, Mr. Pence  
ART: Miss Swerer, Miss Gingrich, Miss Schutzbach  
ATHLETICS: Mr. Haeseler, Dr. Freeman, Mr. Woodward  
CATALOG: Dean Wallace, Mr. Allen, Mr. Hawk  
CONVOCATION: Mr. Rowles, Mr. Buchanan, Miss Snyder  
CURRICULUM: Mr. Hawk, Mr. Buchanan, Mr. Frasier, Mr.  
Hungate, Mr. Kingston, Mr. Rowles, Dr. Tiejje,  
Dr. Williamson, Mr. Woodward  
DISCIPLINE: Mr. Kingston, Mr. Buchanan, Miss Nelson  
LECTURE: Mr. Hungate, Mr. Buchanan, Miss Hollingshead  
LOAN FUND: Mr. Buchanan, Mr. Kingston, Dean Nelson,  
Mr. Stronach, Dean Wallace  
MUSIC: Mr. Rowles, Miss Goodsell, Miss Lawton  
STUDENT COUNCIL: Mr. Shinkle, Mr. Craig, Dean Nelson,  
Dean Wallace  
STUDENT HEALTH AND HYGIENE: Mr. Woodward, Dr. Barber, Miss  
Craney, Miss Davidson  
STUDENT PERSONNEL: Dean Wallace, Mrs. Anderson, Mr.  
Frasier, Mr. Hawk, Mr. Hungate,  
Dean Nelson  
STUDENT PUBLICATIONS: Dr. Tiejje, Mr. Hochtritt, Mr.  
Holmquist  
WOMEN'S ATHLETICS: Miss Dustin, Miss Brodnax, Miss  
Porter



## INSTRUCTIONAL STAFF

- RALPH K. ALLEN.....*English*  
A. B., William Jewel College; A. M., University of Washington. Graduate study and research University of Washington, British Museum.
- LOUISE ANDERSON.....*Foods and Nutrition*  
B. S., University of Washington. Graduate study University of California, Oregon State College.
- DAVID A. BARBER.....*Psychology, Education*  
A. B., A. M., Ph. D., University of Washington
- J. L. BOTSFORD.....*Mathematics, Science*  
A. B., University of Washington; Ph. D., California Institute of Technology.
- NANCY KATE BRODNAX.....*Textiles and Clothing*  
A. B., University of Oklahoma; A. M., University of Washington. Graduate study New York School of Design.
- EDITH B. BROWN.....*Training Schools, Intermediate*  
Ph. B., University of Chicago; A. M., Columbia University. Graduate study University of California, University of Jena (Germany).
- JULIAN E. BUCHANAN.....*Mathematics*  
B. S., University of Michigan; A. M., Harvard University. Graduate study Harvard University, University of California, Tulane University.
- DAVID G. COBB.....*History*  
A. B., A. M., University of Michigan. Graduate study University of Grenoble (France).
- GEORGE E. CRAIG.....*Education*  
A. B., Leland Stanford Junior University. Graduate study Leland Stanford Junior University.
- EDWARD L. DALES.....*Industrial Arts*  
B. S., University of Wisconsin. Graduate study Stout Institute, Oregon State College, University of California.
- FLORA E. DAVIDSON.....*Health*  
B. S., University of Missouri; A. M., Columbia University. Graduate study University of Southern California.
- DARYL D. DAYTON.....*Music Theory, Piano*  
Mus. Bac., Oberlin College. Private study in Berlin (Germany).
- MARGARET ELLEN DAYTON.....*Voice*  
Mus. Bac., Oberlin College. Private study in Berlin (Germany).

- VIRGINIA DICKINSON.....*English, French*  
 A. B., University of Wisconsin. Graduate study University of Wisconsin, Leland Stanford Junior University, Ideal Exole Francaise.
- CECIL DRYDEN.....*Training Schools, Junior High*  
 A. B., University of Washington; A. M., Columbia University.
- ANTOINETTE DUSTIN.....*Physical Education*  
 B. P. E., American College of Physical Education; B. A., Washington State Normal School, Cheney.
- CLARK M. FRASIER.....*Training Schools, Director*  
 A. B., A. M., Colorado State Teachers College. Graduate study George Peabody College for Teachers, Colorado State Teachers College.
- OTIS W. FREEMAN.....*Geography*  
 A. B., Albion College; M. S., University of Michigan; Ph. D., Clark University.
- ESTHER GINGRICH.....*Art*  
 A. B., University of Washington; M. A., Columbia University.
- EVELYN GOODSSELL.....*Public School Music*  
 A. B., Carleton College; A. M., Columbia University. Graduate study American Conservatory, Iowa State Teachers College, Columbia University.
- CLARA GRAYBILL.....*Training Schools, Primary*  
 A. B., University of Illinois; A. M., University of Chicago; Graduate study University of Washington.
- JOHN P. GRUBER.....*English*  
 A. B., University of Indiana. Graduate study University of Wisconsin, State College of Washington, University of Washington.
- WILLIAM E. HAESELER.....*Social Science*  
 Graduate, Willis Business University. Additional study Bliss-Alger College, Oregon State College.
- RAYMOND F. HAWK.....*Education, Psychology*  
 A. B., Depauw University; A. M., Leland Stanford Junior University. Graduate study and research State College of Washington.
- MARIE HOLLINGSHEAD.....*Speech*  
 B. S., Northwestern University. Graduate study Northwestern University.
- H. E. HOLMQUIST.....*English*  
 A. B., Leland Stanford Junior University. Graduate study University of Washington.
- JOSEPH W. HUNGATE.....*Biology*  
 A. B., State College of Washington; M. S., Cornell University. Graduate study and research University of Washington, University of California.



- CEYLON S. KINGSTON.....*History*  
A. B., St. Lawrence University; A. M., University of Michigan. Graduate study and research Columbia University, University of Washington.
- JAMES S. LANE.....*Industrial Arts*  
B. S., Oregon State College. Graduate study Oregon State College.
- CHARLOTTE LANG.....*Training Schools, Intermediate*  
B. S., A. M., Columbia University.
- LEILA LAVIN.....*Training Schools, Spokane Supervisor*  
A. B., University of Washington. Graduate study University of Washington.
- MARIAN A. LAWTON.....*Music Theory, Violin*  
A. B., Mus. B., State College of Washington. Graduate study Chicago Music College.
- MARGARET MCGRATH.....*Training Schools, Primary*  
A. B., University of Minnesota; A. M., Columbia University.
- EUNICE NELSON.....*Social Science*  
A. B., University of Wisconsin; A. M., Columbia University. Graduate study University of London.
- EVELYN PETERSON.....*Training Schools, Intermediate*  
A. B., A. M., University of Iowa.
- OMER O. PENCE.....*Training Schools, Principal Junior High*  
A. B., A. M., University of Washington. Graduate study University of Washington.
- MARY W. PORTER.....*Physical Education*  
Sargent School of Physical Education. Additional study University of Washington.
- W. B. REESE.....*Coach, Physical Education*  
A. B., State College of Washington. Graduate study State College of Washington.
- WILLIAM LLOYD ROWLES.....*Music Theory, Organ*  
Mus. Bac., Mus. M., Northwestern University.
- EDITH L. SCHUTZBACH.....*Art*  
Graduate, Cleveland School of Art. Additional study New York State School of Ceramics, Chicago Art Institute, University of Oregon.
- SAMUEL F. SHINKLE.....*Education, Psychology*  
A. B., A. M., State College of Washington. Graduate study University of Chicago, University of Washington.
- MARY SNYDER.....*Speech*  
B. S., Northwestern University. Graduate study Northwestern University.

- MARY G. SWERER.....*Art*  
Graduate, Pratt Institute. Additional study School of Fine and Applied Arts, University of Chicago, New York University, Columbia University.
- W. HAROLD TALLYN.....*Chemistry, Physics*  
B. S., Shurtleff College; M. S., University of Illinois.
- RALPH E. TIEJE.....*English*  
A. B., A. M., Ph. D., University of Illinois. Graduate research Columbia University.
- L. V. TYLER.....*Social Science*  
A. B., A. M., State College of Washington. Graduate study University of Oregon, University of Colorado.
- GEORGE W. WALLACE.....*Psychology*  
A. B., A. M., State College of Washington. Graduate study Leland Stanford Junior University, University of Washington.
- OBED J. WILLIAMSON.....*Philosophy of Education*  
B. S., University North Dakota; M. A., Ph. D., Columbia University.
- ARTHUR C. WOODWARD.....*Physical Education*  
B. S., University of Vermont. Graduate study Harvard University, University of Illinois, University of Southern California.



# GENERAL INFORMATION

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## ADMISSION

### From High Schools

1. The completion of a four-year high school course or its academic equivalent is required of those who desire to enter the freshman class.
2. Individuals who have not completed a four-year high school course may be admitted if they are twenty-one years of age. Such students are not eligible for graduation from any curriculum until the requirements indicated in paragraph 1 are fully completed.
3. New students must mail their credentials to the registrar before registration day.

### From Other Colleges

1. Credits will be accepted from all accredited institutions of higher learning.
2. Students applying for advanced standing must furnish complete transcripts of their records in schools or colleges formerly attended, together with catalogs giving detailed information regarding courses completed.
3. Transcripts should be filed in advance.

## ASSOCIATED STUDENTS

The student body is organized under the title *Associated Students* for the purpose of advancing the best interests of the school, and promoting and managing school activities.

## ATHLETICS

The school encourages athletic competition, and is a member of the Washington Tri-Normal Athletic Conference.

Woodward Field of seventeen acres is laid out with a quarter-mile cinder track, a baseball diamond, and a football field.

The Men's W Club, an organization of men who have won the school letter, aims to foster loyalty to the school and ideals of sportsmanlike conduct.



### CERTIFICATION

There are three curricula leading to certification:

(a) The three-year curriculum of nine quarters. Students attending consecutive quarters—fall, winter, spring and summer—can complete this curriculum in two and one-fourth calendar years. The diploma authorizes the holder to teach for five years.

(b) The four-year curriculum of twelve quarters. Students completing this curriculum receive the degree of *Bachelor of Arts in Education* and a teaching certificate good for five years.

(c) The one-year curriculum open to college and university graduates who wish to prepare for teaching in the elementary and junior high school grades. Students completing this curriculum receive the degree of *Bachelor of Arts in Education* and a teaching certificate good for five years.

Certificates and diplomas (except life diplomas) are issued at the close of each quarter. Life diplomas are issued at the end of the spring and summer quarters. Formal graduating exercises are held only at the close of the spring quarter.

For further information see "Life Diplomas."

### CHILDREN'S THEATRE

As an adjunct to the courses in Creative Dramatics (Speech 105 and 122), the Normal School maintains a Children's Theatre, which gives at least two performances a year. The aim is to stage not only plays for children, but plays *by* children. Creative Dramatic work is conducted under supervision of Normal School instructors both in the Training School and in the Junior High School. From this work are developed the public performances of the Children's Theatre, a distinctive organization of its kind in the Northwest.

### CLASSIFICATION

Students having fewer than forty-two quarter credits are classified as freshmen, those having between forty-two and eighty-nine as sophomores, those having between ninety and one hundred thirty-seven as juniors, and those having one hundred thirty-eight or more as seniors.

**DEGREES**

The Washington State Legislature at its 1933 session passed a bill empowering the Normal schools of the state to grant the degree of *Bachelor of Arts in Education*. The bill was signed by Governor Clarence D. Martin and became effective at midnight June 7, 1933.

**DEPARTMENTAL ORGANIZATION**

The different lines of instruction offered by the institution are organized in eight departments as follows:

Applied Sciences and Arts.....	{ Art Biology Home Economics Industrial Arts
Education.....	{ Education Psychology
History and Social Science.....	{ History Library Science Social Science
Language and Literature.....	{ English Modern Languages Speech
Music	
Physical Education and Health.....	{ P. E. for Men P. E. for Women
Science and Mathematics.....	{ Geography Mathematics Physical Sciences
Training Schools	

**EXPENSES—BOARD AND ROOM**

**Dormitories.** The Normal School maintains three dormitories—two for women and one for men.

The women's rooms are furnished with beds, mattresses, pillows, sheets, pillow cases, one double blanket for each bed, towels, chairs, study table, and rugs. Occupants take care of their own rooms and provide such extra bedding as they may desire.



Men at Sutton Hall furnish their own towels and blankets.

For his own convenience each student should bring bath towel for swimming; napkin ring; knife, fork, spoon, plate, and cup for picnics; and a tin receptacle for food received from home.

**Dormitory Reservations.** Rooms are reserved in the order of receipt of deposits. A deposit of \$5.00 is required of each student. If the reservation is cancelled not later than five days previously to the opening of the quarter, \$3.00 of the deposit will be returned; otherwise, cancellation causes forfeiture of the entire sum. Reservations are not held later than 8 a.m. on the second day of the quarter, unless special arrangement has been made in advance. The \$5.00 deposit will be retained by the school as a guarantee for the protection of property used by students, and will be credited on the final payment of board, less any deduction for breakage or unusual damage to furnishings.

Checks for room deposits should be made payable to Cheney Normal School and mailed to the Business Office, State Normal School, Cheney, Washington. Assignment of rooms will not be made until the Saturday before the quarter opens. Room reservations are not transferable.

Separate deposits and reservations are required for the summer quarter.

**Dormitory Rates.** Board and room at the hall costs \$6.25 a week. There is an extra charge of 50 cents each quarter to cover the cost of magazine and newspaper subscriptions.

No reduction is made for week-end absences.

Guest rates are as follows: breakfast or luncheon, 25 cents; dinner, except Sunday, 40 cents; Sunday dinner, 50 cents.

**Board and Room Payments.** Payments for board and room are collected three times each quarter on call of the Business Office. The first payment of the quarter covers the first four weeks, plus the fifty-cent charge for subscriptions. The second payment covers the second four weeks, and the third payment covers the remainder of the quarter less deductions for vacations or absences on account of illness, and plus guest charges for the quarter. When a student leaves at the end of a quarter, the \$5.00 deposit is deducted from his third payment.

**Vacation Deductions.** Four-fifths of the board is deducted for vacations or absences on account of illness of more than three days. When Christmas vacation causes the winter quarter to be more than twelve weeks in length, no charge is made for board for the vacation period, but the room rent for that period is charged to the student.

**First Meal.** The first meal in the fall quarter will be breakfast on Monday, September 24, but the rooms in all dormitories will be ready for occupancy on Saturday, September 22, 8 a. m.

**Withdrawal from Dormitory.** Permission to move off-campus during a quarter is granted only in case of financial emergency, and must be approved by the Dean and by the director in charge of the dormitory. Then two weeks' notice must be given and two dollars of the room deposit forfeited.

If illness causes the student to leave school during a quarter, two dollars of the room deposit is forfeited.

Students are not permitted to board off-campus while living in a dormitory. A diet table is maintained at Monroe Hall where students may secure the diet officially prescribed by the doctor.

**Room and Board Off-Campus.** Board and room in private homes can be secured at reasonable rates. The list of approved rooming houses may be had, together with that of housekeeping rooms, by addressing the Dean of Women. Men and women are not permitted to room in the same house.

**Earning Part of Expenses.** Those students who need to earn part of their expenses will find a limited number of opportunities at the school for so doing. Regular monthly employment at the school is given only to students who live on the campus. There are also opportunities for work in the town of Cheney. Students expecting to earn part of their expenses should plan to carry less than the maximum schedule of class work.

#### EXPENSES—FEES

**Student Activities Fees.** Each student pays an *activities fee* of \$6.00 a quarter, which is distributed to different funds: athletics, lectures and entertainments, social life, and *The Normal Journal*.



**Library Fee.** Each regularly enrolled student pays a *library fee* of \$2.00 a quarter. The funds so collected go for the upkeep of the library.

**Health Fee.** Each regularly enrolled student pays a *health fee* of \$2.00 a quarter which goes toward meeting expenses connected with the health of the students.

**Withdrawal.** Students withdrawing from school during the first two weeks of a quarter are entitled to a refund of \$8.00 on the above fees, but thereafter no refund is given. Students who have received this refund, but who later in the quarter desire reinstatement, must pay an enrolment fee of \$9.00.

Students wishing to withdraw must secure clearance slips at the Business Office.

**Books.** Books, note-books, and writing supplies usually cost from \$5.00 to \$10.00 per quarter.

**Music Fees.** Payment of a fee of \$15.00 entitles the student to a series of weekly, half-hour, private lessons in applied music for the duration of one quarter. Payment of a \$30.00 fee entitles the student to a series of twice-weekly, half-hour, private lessons for the duration of one quarter.

Pianos may be rented at \$3.00 a quarter for one hour of practice daily. For two hours daily the charge is \$5.00 a quarter.

Violins for practice may be rented at \$1.40 a quarter.

For practice on the auditorium organ the charge is twenty cents an hour.

Charges for the rental of musical instruments are payable the *second week* of each quarter.

**Laboratory Fees.** Laboratory fees are charged in certain courses in Art, Biology, Chemistry, Home Economics, Industrial Arts, Geography, Typing, Physics, and Speech. In most cases these fees do not exceed one dollar each. In some courses the student must also pay for the material used.

Laboratory fees are payable the *second week* of each quarter.

**Kinnikinick Fee.** The constitution of the Associated Students provides that each student receiving a diploma at the close of the fall and winter quarters, and each student enrolling at the opening of the spring quarter, must pay \$2.50 for the



*Kinnikinick*, the school annual. No student, however, is required to pay this fee twice in the same year.

**Diploma Fee.** Students receiving diplomas at the close of the fall and winter quarters pay at the Business Office the sum \$6.00, which covers the following items: \$1.00 for Placement Bureau service; \$1.50 for leather diploma cover; \$2.50 for the *Kinnikinick*; and \$1.00 for the diploma. This last amount is remitted by the Normal School to the County Superintendent of the county in which the certificate is registered for the first time. Those receiving diplomas at the close of the spring quarter pay the sum of \$3.50, as they have already paid the *Kinnikinick* fee at the time of enrolment for the spring quarter.

### EXTENSION

The Extension Division offers work which is helpful to those who wish to increase their training without giving up their positions, to those who wish to specialize, and to those who wish to earn college credits.

Twelve credits earned in extension and/or correspondence courses may be counted toward the work of the senior or of the junior year. In exceptional cases twelve credits from such courses may be counted toward the work of the sophomore year. The privilege of counting extension or correspondence credits toward the work of either the senior, the junior, or the sophomore year is not cumulative, but such work must be taken during the year toward which the credits are to apply. A total of 24 credits taken in the extension division may be counted toward the degree of *Bachelor of Arts in Education*.

Students with less than sophomore standing are not permitted to enrol in correspondence courses.

Correspondence courses may not be completed in less than one quarter, and should be finished in not more than one year from the date of enrolment. Neither correspondence nor extension courses may be carried while a student is in residence. Not more than nine credits may be earned in extension and correspondence courses in any one quarter.

A bulletin giving complete information concerning correspondence courses will be mailed upon request. All inquiries should be addressed to the Extension Division, State Normal School, Cheney, Washington.

**LIBRARY**

The Normal School Library, consisting of 32,000 volumes, is in four collections: The Main Library, the Northwest History Collection, the Training School Library, and the Industrial Arts Library. The Northwest History Collection is housed with the main library. The Industrial Arts Collection is kept in the Industrial Arts building. The Training School Library is in the Training School building, and is under the supervision of a children's librarian.

Although the main collection is primarily a reference library, most of the books are available for circulation. Library hours are 8 a. m. to 5 p. m.; 7 to 9:45 p. m.; Saturdays, 9 to 12 a. m. only.

**LIFE DIPLOMAS**

To secure a life diploma the holder of a normal school diploma must show professional growth and furnish evidence of not less than twenty-four months of successful teaching experience. The evidence of professional growth required by the State Board consists in the completion of one additional quarter of normal school training.

It is expected that the additional quarter of work shall be done at the Normal School where the original diploma was granted, although it may be done at one of the other State Normal Schools with the approval of the Normal School which granted the original diploma.

**LOAN FUNDS**

The Students' Loan Fund of \$19,000.00 has been made possible by contributions from Mr. Charles Allen of Seattle and business houses in Spokane and Cheney. The fund is constantly increased by the interest from previous loans and by donations from student organizations.

The Spokane Federation of Women's Organizations has established a special fund to be used by senior women students chosen by the Dean of Women.

The Women's Relief Corps, Department of Washington and Alaska, Spokane division, has also created a fund for general aid to worthy students.



The Alumni Memorial Fund in honor of former President N. D. Showalter was established for the purpose of making loans to junior and senior students.

#### LOCATION

Cheney is situated on the crest of the divide between the Columbia and Spokane rivers. It is sixteen miles distant from Spokane by rail and nineteen by the Columbia Basin highway. Transportation is furnished by the Chicago, Milwaukee and St. Paul; the Northern Pacific; the Union Pacific; and a motor bus line. Students planning to come to Cheney over the Spokane, Portland and Seattle Railroad should change to the Northern Pacific at Pasco, or continue into Spokane, since there is no Cheney station on the S. P. and S.

#### MUSIC

A complete course in music is offered for the preparation of school music teachers and supervisors. Music majors are in great demand for filling responsible positions.

In addition to the well-rounded curriculum in music methods, theory, and applied music leading to the three or four-year major in music, a Concert Orchestra, an A Capella Choir, the Glee Clubs, and the Chorus provide opportunity for a rich experience in concert, operetta, oratorio, and dramatized cantatas during the year.

Each year the music department sponsors the Eastern Washington Music Meet, in which more than five hundred high school students compete.

Euphonia, a student music society, does much to stimulate worthwhile musical activities on the campus. It offers a scholarship each quarter to a deserving student for private lessons in Piano, Voice, Violin, 'Cello, or Organ.

#### PHYSICAL EDUCATION

All students are required to take a health examination each year. Two hours a week of physical education activity courses are required of all students for three years.

It is the aim of this department to give the student an understanding of the requisites of good health and sanitation in the adult, the child, and the community, and to lay a founda-

tion which will enable the teacher to be of real health service in the school and the homes of the community.

The work of the division includes physical education, corrective exercises, their study and application, and the study of physiology, general and personal hygiene, and sanitation.

#### **PLACEMENT BUREAU**

All recommendations to teaching positions are made through the Placement Bureau. Each student is required during the last quarter before graduation to leave with the Placement Bureau a photograph and full set of credentials covering his academic preparation and teaching experience. Complete files are kept for each graduate, together with a card index of his work and preparation. The Bureau is in charge of an Appointment Secretary. School boards, principals, and superintendents who are in need of teachers should communicate with the Placement Bureau, State Normal School, Cheney, Washington. Graduates from other teacher training institutions may enrol with our Placement Bureau when they have completed two quarters work at Cheney.

#### **QUARTER SYSTEM**

The school is operated on the four-quarter system, each quarter having approximately twelve working weeks. The quarter system permits students to do a full quarter of work in the summer. Students attending consecutive quarters—fall, winter, spring, and summer—can complete the four-year curriculum in three calendar years and the three-year curriculum in two and one-fourth calendar years.

#### **RESEARCH BUREAU**

The bureau of research is maintained to provide a definite agency for the study of administrative, curricular, personnel, and general educational problems of the school. In addition the bureau carries on researches in the field of elementary and junior high school education. It assists with studies made in the Training School.

The bureau cooperates with committees, state educational divisions, and other research agencies engaged in surveys or experimental work.



The director of research administers the entrance tests given to all entering freshmen and keeps a cumulative personnel record of each student enrolled in the Normal.

Opportunity for actual experience in research procedures is provided for advanced students, who receive appropriate credit for work done.

### SCHOLARSHIP

The school encourages scholarship of a high order.

Students who are graduated with a grade point average of 2.25 or better in a three point system for all courses taken in residence are designated honor graduates.

Students who have been in residence at least four quarters and whose grade point average is 2.00 or better are eligible for membership in the honor organization known as the Key Society.

### SCHOLARSHIPS AND PRIZES

**The Clarence D. Martin Scholarship.** Clarence D. Martin offers an annual scholarship of \$150 to a man in his junior year who most nearly fulfills the following conditions: scholarship, character, and general achievement. The committee in charge consists of Mr. Kingston, Mr. Buchanan, and Dean Wallace. Established 1923. Holder for 1933-34: Quaipe Dann.

**The Ralph Earle Tiejc, Junior, Memorial Scholarship.** Dr. and Mrs. Ralph E. Tiejc offer an annual scholarship of \$100 to an English or Speech major in his senior year, upon recommendation of the Department of Language and Literature. Applications are to be made in writing to Mr. Ralph K. Allen. Established 1934. The holder in 1934-35: Ruth Seaton.

**The Tawanka Scholarship.** To a deserving woman in her senior year the Tawankas annually award a scholarship of \$50 on the conditions of outstanding scholarship and personality together with leadership in student activities. The committee in charge consists of Dean Nelson, Mrs. Anderson, Miss Dustin, Miss Wilson, and Dean Wallace. Established 1932. Holder in 1933-34: Catherine Benson.

**The Euphonia Scholarship.** Three awards annually are made by the Euphonia club, each providing a quarter's instruction in one of the following: voice, piano, organ, or a stringed



instrument. The committee, consisting of representatives from the music department, the deans' offices, and the Euphonia organization, bases its selection on worthiness and promise. Established 1932. Holders in 1933-34: Lora Sherwood, Violoncello, (fall); Lois Strickler, Voice, (winter); Ruth Poynter, Piano, (spring).

**The Women's League Scholarship.** The scholarship of \$10 is awarded quarterly to the woman student who makes the highest scholastic average while earning part of her expenses through part-time employment. Established 1925. Holders in 1933-34: Martha Neutzmann, (fall); Gertrude Van der Meer, (winter); Ruth Poynter, (spring).

**The Martin Prize in Oratory.** The Martin oratorical contest is held annually under the auspices of the Department of Language and Literature. Three prizes of \$50, \$30, and \$20 are offered by Mr. Clarence D. Martin of Cheney, an alumnus and patron of this institution. Students expecting to enter the contest should enroll in Speech 201. Established 1925. Winners in 1934: Madison Brewer (first prize); Millet Keller (second); Mary Jane Halliday (third).

**The Scarlet Arrow All-School Award.** On the basis of character, achievement, leadership, and self-support, a plaque is awarded to a student in his second or subsequent year by the Scarlet Arrow. The committee in charge consists of Miss Young, Dean Nelson, Dean Wallace, Miss Dustin, and Mr. Woodward. Established 1933. Awarded in 1934 to Quaife Dann.

**The Scarlet Arrow Athletic Award.** This award is given twice each year, first to the outstanding football man, and secondly, to the outstanding basketball man. The basis of selection is sportsmanship, co-operation, inspiration, and leadership. The respective varsity teams choose the outstanding player of the season. Established 1933. Awarded fall 1933 to George Dyer.

### SCHOLASTIC REGULATIONS

1. The average student assignment is sixteen credit hours a week; the maximum, eighteen and one-half hours a week. The net length of each recitation period is fifty minutes.
2. Credits are reckoned in terms of recitation periods.

One credit requires one class recitation period a week for one quarter. Forty-eight credits constitute one year's work. In laboratory work two clock hours are required for one credit hour.

3. Students who are doing their first quarter of Freshman work or who are enrolled in Student Teaching may not carry more than sixteen and one-half credits.

4. The grading scale is A (superior); B (excellent); C (average); D (below average); Failed; Incomplete. The grade "Incomplete" is given only when the quality of the work is satisfactory but, for reasons acceptable to the instructor, the course has not been completed.

5. Grade points are computed on the basis of 3 points for each quarter hour credit of A; 2 for each quarter hour credit of B; 1 for each quarter hour credit of C; 0 for each quarter hour credit of D; and -1 (minus one) for each quarter hour credit of Failed. The grade of "Incomplete" is disregarded in the computation of points.

6. The grade point average is the quotient of total points divided by the total quarter hours in which the grades A, B, C, D, and Failed are received.

7. Students must have a grade point average of 1.00 or better in all credits earned in residence at Cheney in order to receive a degree or diploma from any curriculum offered by the institution. Extension and correspondence credits are not counted in this reckoning.

8. Students must also have a grade point average of 1.00 or better in all credits earned in residence at Cheney in order to do Student Teaching. Extension and correspondence credits are not counted in this reckoning.

9. No student may graduate from or receive any diploma from this institution with less than a year (3 quarters) of attendance and forty-eight credits earned in residence. Extension and correspondence courses may not be counted as being done in residence.

10. All correspondence courses must be completed outside of the residence quarters.

11. The last quarter of the student's work before graduation must be taken at Cheney.



**SOCIAL LIFE**

The social life of the school is supervised and directed by the Students' Council committee of the faculty and the Advisory Board of the Associated Students. A weekly recreation period on Tuesday evenings lasts one hour. Many social affairs are given in the school gymnasium.

**SPECIAL STUDENTS**

It is possible for the high school graduate who does not intend to prepare for the teaching profession to select from the regular courses and electives offered in the regular curricula a schedule of subjects which can be presented as a compact one or two-year unit of work on transference to college or university.

**STUDENT ORGANIZATIONS**

The following clubs and societies are maintained by the students:

- Alpha Sigma (art)
- Association for Childhood Education
- Classroom Teacher
- Ellen H. Richards (home economics)
- English Club
- Euphonia (honorary music)
- Forum Clum
- Geography Club
- Junior High Forum
- Kappa Tau (honorary education)
- Key (scholarship)
- Knights of the Tomahawk (men's honorary service)
- Le Cercle Francais (French)
- Madrigal (music)
- Masquers (honorary dramatic)
- Men's W Club (athletics)
- Parnassus (poetry)
- Pep Band
- Play Hour Orchestra
- Press Club
- Scarlet Arrow (men's honorary)
- Tawanka (women's honorary service)
- Women's W Club (athletics)
- Yep Kanum (women's athletics)

### STUDENT WELFARE

Students with personal problems will find the Dean of Men and the Dean of Women always glad to counsel with them. Assistance will be available for questions concerning academic progress and regulations, finances and part-time employment, living conditions and social life, and for any other matters which pertain to personal welfare. Students with health problems should consult the school nurse.

### SUMMER QUARTER

The fourth quarter of the school year is known as the Summer Quarter. In 1934 the Summer Quarter opens June 4 and runs eleven weeks.

The Summer Quarter offers an opportunity for the teacher to progress professionally while continuing to teach during the regular year. Practically all types of work offered in the Fall, Winter, and Spring quarters are offered in the Summer Quarter. A student is permitted to carry the same amount of work as in any other quarter.

**Training School.** The Training School will be in session during the Summer Quarter. An opportunity for student teaching under competent supervisors may be had at that time. Individuals desiring to do student teaching should make reservations with the Director of the Training School before the opening of the Summer Quarter.

**Special Courses.** In addition to the regular work of the school there will be special emphasis in such fields as English Literature, Fine Arts, Home Economics, Industrial Arts, Music, Special Methods, and Playground Activities.

### TRAINING SCHOOLS

The purpose of the Training School is to help the student teacher to become a thoughtful and alert student of education rather than to make him immediately proficient in teaching.

Student teachers have the opportunity of observing actual teaching by expert teachers, of doing student teaching under the supervision of a well-trained staff, and of seeing the administrative details of school work in operation. Student teaching is done in the elementary school on the campus, in



the junior high school two blocks from the campus, and in elementary and junior high schools in the city of Spokane.

**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.

# CURRICULA

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**Introduction.** The school offers three curricula—namely, the three-year, the four-year, and the college graduate. Each of these leads to a teaching credential. The four-year and college graduate curricula lead to the degree of *Bachelor of Arts in Education* in addition to the teaching credential.

Each curriculum contains four types of requirement: (1) general academic, (2) professional instruction and practice in teaching, (3) majors and minors selected by the student, (4) free electives selected by the student.

(1) The general academic requirements constitute about two-thirds of the work of the freshman and sophomore years and are similar to those of the first two years at other higher institutions in Washington. The purpose of this required work is to insure the student a broad foundation of general knowledge and insights upon which to build a professional training in teaching.

(2) The professional requirements give the prospective teacher the fundamental concepts and basic skills essential for the education of children in the elementary and junior high schools. Student teaching affords actual contact with practical school situations.

(3) *Majors* and *minors* are concentrated programs of related studies in the fields of instruction offered at the school. One major and one minor are selected by students in the three-year curriculum and an additional minor by those in the four-year curriculum.

(4) The free electives make possible exploration by the student in lines of interest not included in the foregoing program and make possible additional work along lines already begun by the student.



## THREE-YEAR CURRICULUM

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The State Board of Education has prescribed that no person may become certified to teach in the elementary and junior high schools of the state of Washington who has not completed a three-year curriculum approved by the State Board. The following curriculum has been approved by the State Board.

### General Academic Requirements

Art 1	Introduction to Art.....	4 credits
Biol. 2	Introduction to Biology.....	4 credits
	Campus Ethics .....	0 credits
Eng. 1	Composition .....	4 credits
Eng. 2	Composition .....	4 credits
Eng. 3	Reading of Literature.....	} 4 credits
or		
Eng. 4	Cultural Backgrounds .....	
Geog. 1	Elements of Geography.....	5 credits
Hist. 4	United States History.....	5 credits
Ind. Arts	.....	2 credits
Men:	Ind. Arts 8	
Women:	Primary—Ind. Arts 6	
	Intermediate—Choice of:	
	Home Ec. 10	
	Ind. Arts 7	
	Junior High—Choice of:	
	Home Ec. 10	
	Ind. Arts 8	
Lib. Sci. 1	Library Techniques .....	0 credits
Math. 1	Arithmetic .....	4 credits
Music 1	Music Fundamentals .....	4 credits
P. E. 1	Health Education .....	3 credits
P. E. 13	Men's Physical Activities.....	} 4½ credits
or		
P. E. 4	Women's Physical Activities.....	
Phys. 3	Introduction to Physical Sciences.....	3 credits
Psych. 1	General Psychology .....	5 credits
Soc. Sci. 11	Penmanship .....	2 credits
Soc. Sci. 61	Sociology .....	} 5 credits
or		
Soc. Sci. 62	Outlines of Economics.....	
Speech 1	Fundamentals of Speech.....	4 credits
Total.....		66½ credits

**Professional Requirements****Education**

Ed. 2 Introduction to Education..... 3 credits

Ed. 3 Elementary School Management..... 3 credits

## Choice of:

Ed. 119 Educational Measurement. 3 credits } 3-4 credits

Ed. 134 Philosophy of Education.. 4 credits }

(Ed. 124 Educational Sociology may be substituted for Ed. 134)

**Psychology**

Psych. 16 Educational Psychology ..... 3 credits

Psych. 105 Psychology of Childhood and Adolescence ..... 4 credits

**Training Schools**

## Choice of:

T. S. 7 The Primary School..... } 6 credits

T. S. 8 The Intermediate School..... }

T. S. 9 The Junior High School..... }

## Choice of:

T. S. 104 Primary Student Teaching..... } 10 credits

T. S. 105 Intermediate Student Teaching..... }

T. S. 106 Junior High Student Teaching..... }

Total..... 32-33 credits

**Major and Minor Requirements**

During the Freshman year all students should consider the selection of a major and consult with the Major Adviser of the field chosen during the spring quarter.

One major of approximately 25 credits and one minor of not less than 12 credits must be completed in this curriculum.

Students desiring to major in the fields of Art, Home Economics, Industrial Arts, Music, or Speech should consult the Major Adviser in the chosen field before enrolling for their first quarter.

The student should begin a minor and consult the Minor Adviser before the close of the Sophomore year.

Following is a list of the fields in which majors and minors may be chosen:

Art

Biology

Combined English-Speech

Education (minor only)



- English
- Geography
- History
- Home Economics
- Industrial Arts
- Mathematics
- Music
- Physical Education for Men
- Physical Education for Women
- Physical Sciences (Chemistry, Physics)
- Psychology (minor only)
- Social Science
- Speech
- Teaching (minor only)

**Summary of Three-Year Curriculum:**

General Academic Requirements.....	66½	credits
Professional Requirements .....	32-33	credits
Major and Minor Requirements (approximately)...	37	credits
Free Electives .....	9	credits
	<hr style="width: 10%; margin-left: auto; margin-right: 0;"/>	
Total.....	144½	credits

The diploma awarded upon completion of this curriculum entitles the holder to teach in the elementary and junior high school grades of the state of Washington for five years.

The advised sequence of courses for the three year curriculum is as follows:

**FRESHMAN YEAR**

<b>Art 1</b>	<b>Introduction to Art.....</b>	4	credits
	(may be taken in the fall, winter or summer quarters)		
<b>Biol. 2</b>	<b>Introduction to Biology.....</b>	4	credits
	(may be taken in the fall, winter and summer quarters)		
	<b>Campus Ethics .....</b>	0	credits
	(must be taken fall quarter)		
<b>Ed. 2</b>	<b>Introduction to Education.....</b>	3	credits
<b>Eng. 1</b>	<b>Composition .....</b>	4	credits
	(must be taken the first quarter of residence)		

<b>Eng. 2</b>	<b>Composition</b> .....	4 credits
	(must be taken the second quarter of residence)	
<b>Eng. 3</b>	<b>Reading of Literature</b> .....	} 4 credits
	(must be taken by English or Speech majors and minors in third quarter of residence)	
or		
<b>Eng. 4</b>	<b>Cultural Backgrounds</b> .....	
	(must be taken by all students not majoring or minoring in English or Speech before the end of the Sophomore year)	
<b>Electives</b>	<b>Major and Free Electives</b> .....	4 credits
	(all Freshmen should consider the selection of a major and during the spring quarter consult the major-minor adviser of the field chosen. Students desiring to major in Art, Home Economics, Industrial Arts, Music, or Speech should consult the major-minor adviser before enrolling for their first quarter)	
<b>Geog. 1</b>	<b>Elements of Geography</b> .....	5 credits
	(may be taken in fall and winter quarters)	
<b>Ind. Arts</b>	.....	2 credits
Men:	Ind. Arts 8	
Women:	Primary—Ind. Arts 6	
	Intermediate—Choice of:	
	Home Ec. 10	
	Ind. Arts 7	
	Junior High—Choice of:	
	Home Ec. 10	
	Ind. Arts 7	
<b>Lib. Sci. 1</b>	<b>Library Techniques</b> .....	0 credits
	(should be taken fall and winter quarters)	
<b>Math. 1</b>	<b>Arithmetic</b> .....	4 credits
	(students majoring in Mathematics are not required to take Math. 1)	
<b>Music 1</b>	<b>Music Fundamentals</b> .....	4 credits
<b>Soc. Sci. 11</b>	<b>Penmanship</b> .....	2 credits
<b>P. E. 13</b>	<b>Physical Activities for Men</b> .....	} 1½ credits
or		
<b>P. E. 4</b>	<b>Physical Activities for Women</b> .....	
<b>Phys. 3</b>	<b>Introduction to Physical Sciences</b> .....	3 credits
	Total.....	48½ credits



**SOPHOMORE YEAR**

<b>Ed. 3</b>	<b>Elementary School Management</b> .....	3 credits
	(may be postponed until the junior year by students who do not expect to graduate in the three-year curriculum)	
<b>Electives</b>	<b>Major, Minor and Free Electives</b> .....	13 credits
	(all students before enrolling in their Sophomore year should select a major and consult the major-minor adviser. A substantial part of the electives in this year should be in the major field. Students should begin the minor and consult the minor adviser before the close of the Sophomore year.)	
<b>Hist. 4</b>	<b>United States History</b> .....	5 credits
	(students majoring in History or taking Hist. 114, 115, and 116, as a minor may be excused from this course)	
<b>P. E. 1</b>	<b>Health Education</b> .....	3 credits
<b>P. E. 13</b>	<b>Physical Activities for Men</b> .....	} 1½ credits
or		
<b>P. E. 4</b>	<b>Physical Activities for Women</b> .....	
<b>Psych. 1</b>	<b>General Psychology</b> .....	5 credits
	(should be taken in the first quarter of the Sophomore year)	
<b>Psych. 16</b>	<b>Educational Psychology</b> .....	3 credits
	(must be taken before Training Schools 7, 8, 9)	
<b>Soc. Sci. 61</b>	<b>General Sociology</b> .....	} 5 credits
or		
<b>Soc. Sci. 62</b>	<b>Outlines of Economics</b> .....	
<b>Speech 1</b>	<b>Fundamentals of Speech</b> .....	4 credits
	(majors in Speech should take this course in the freshman year)	
<b>Training Schools</b>	.....	6 credits
	Choice of:	
	T. S. 7 The Primary School	
	T. S. 8 The Intermediate School	
	T. S. 9 The Junior High School	
	Total.....	48½ credits

**JUNIOR YEAR**

<b>Ed. 119</b>	<b>Educational Measurement</b> .....	3 credits	} 3-4 credits
or			
<b>Ed. 134</b>	<b>Philosophy of Education</b> .....	4 credits	
	(Ed. 124 Educational Sociology may be substituted for Ed. 134)		

<b>Electives</b>	<b>Major, Minor, and Free Electives</b> .....	28-29 credits
	(a major will consist of approximately 25 credits and a minor of not less than 12)	
<b>P. E. 13</b>	<b>Physical Activities for Men</b> .....	} 1½ credits
or		
<b>P. E. 4</b>	<b>Physical Activities for Women</b> .....	
<b>Psych. 105</b>	<b>Psych. of Childhood and Adolescence</b> .....	4 credits
<b>Training Schools</b>	.....	10 credits
Choice of:		
	T. S. 104 Primary Student Teaching	
	T. S. 105 Intermediate Student Teaching	
	T. S. 106 Junior High Student Teaching	
	<hr/>	
	<b>Total</b> .....	47½ credits



## FOUR-YEAR CURRICULUM

The four-year curriculum leads to the degree of *Bachelor of Arts in Education*.

### General Academic Requirements

The general academic requirements of the four-year curriculum are the same as those for the three-year curriculum.

### Professional Requirements

#### Education

Ed. 2	Introduction to Education.....	3 credits
Ed. 3	Elementary School Management.....	3 credits
Ed. 119	Educational Measurement .....	3 credits
Ed. 134	Philosophy of Education.....	4 credits

(Ed. 124, Ed. Sociology may be substituted for Ed. 134)

#### Psychology

Psych. 16	Educational Psychology .....	3 credits
Psych. 105	Psychology of Childhood and Adolescence .....	4 credits

#### Training Schools

Choice of:		6 credits
T. S. 7	The Primary School	
T. S. 8	The Intermediate School	
T. S. 9	The Junior High School	
Choice of:		10 credits
T. S. 104	Primary Student Teaching	
T. S. 105	Intermediate Student Teaching	
T. S. 106	Junior High Student Teaching	

Total..... 36 credits

### Major and Minor Requirements

A major of approximately 36 credits must be completed in this curriculum. This major will usually be a continuation of the one completed in the three-year curriculum.

A first minor of approximately 20 credits and a second minor of not less than 12 credits must be completed in this curriculum.

#### Summary of the Four-Year Curriculum:

General Academic Requirements.....	66½ credits
Professional Requirements .....	36 credits
Major and Minor Requirements (approximately)..	68 credits
Free Electives .....	22 credits
Total.....	192½ credits

The diploma awarded upon completion of this curriculum entitles the holder to teach in the elementary and junior high school grades of the State of Washington for five years.

## COLLEGE GRADUATE CURRICULUM

This curriculum is of one year's duration and is intended for college and university graduates who wish to become certified to teach in the elementary and junior high school grades. In order to enrol in this curriculum, students must furnish the registrar with complete transcripts of all college and university credits earned. Courses totaling 48 credits are arranged with the advice of the registrar and the major-minor advisers. The diploma awarded upon the completion of this curriculum entitles the holder to teach in the elementary and junior high school grades for five years.

Students following the college graduate curriculum may qualify for the degree of *Bachelor of Arts in Education* by meeting the requirements of the Four-Year Curriculum or their equivalent.



# MAJORS, MINORS, AND COURSE DESCRIPTIONS

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In the following section of the catalogue will be found outlines of major and minor requirements together with descriptions of courses offered.

The fields of instruction are arranged in alphabetical order.

Courses numbered 1-99 are intended for freshmen and sophomores; those numbered 100 and above for juniors and seniors.

When the words "Freshmen," "Sophomores," "Juniors" or "Seniors" are found in the outlines of major and minor requirements, they refer to courses which should ordinarily be taken in those years. Where no designation appears, the Major-Minor Advisor should be consulted.

## ART

MR. HUNGATE, *Department Head*

MISS SWERER, *Major-Minor Adviser*

MISS GINGRICH, MISS SCHUTZBACH

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major

Art 2	Design and Color—Sophomores.....	4 credits
Art 3	Elementary Crafts—Sophomores .....	4 credits
Art 4	Primary Construction—Sophomores .....	2 credits
Art 101	Public School Art—Juniors.....	3 credits
Art 102	Art Supervision—Juniors .....	4 credits
Art 103	Art History—Juniors .....	4 credits
Total.....		21 credits

### Three-Year Minor

A three-year minor consists of a minimum of twelve credits (exclusive of Art 1) approved by the Major Adviser.

**Four-Year Major**

Art 2	Design and Color—Sophomores.....	4 credits
Art 3	Elementary Crafts—Sophomores .....	4 credits
Art 4	Primary Construction—Sophomores .....	2 credits
Art 101	Public School Art—Juniors.....	3 credits
Art 102	Art Supervision—Juniors .....	4 credits
Art 103	Art History—Juniors .....	4 credits
Art 104	Advanced Crafts—Seniors .....	4 credits
Art 105	Interior Decoration—Seniors .....	3 credits
Art 106	Figure Drawing—Seniors .....	3 credits
Art 107	Commercial Design—Seniors .....	3 credits
Art 108	Lettering—Seniors .....	2 credits
Total.....		36 credits

**Four-Year Minor**

A four-year minor consists of a minimum of twenty credits (exclusive of Art 1) approved by the Major-Minor Adviser.

Every student majoring in Art will be required to have at least three credits in Student Teaching in Art. This teaching may be a part of the regular requirement in Student Teaching.

**Art 1. Introduction to Art.** The study of the art of color and form as to its place in life, in the scheme of education, and its use in the schools. The course will focus upon composition, expressed through drawing; crayon, chalk, and pencil are used as media.

All quarters. Four credits. Staff.

**Art 2. Design and Color.** A course in the principles of design and color in decorative pattern and contour design.

Spring, winter, and summer quarters. Four credits. Miss Schutzbach, Miss Gingrich.

**Art 3. Elementary Crafts.** Construction and application of design to bookbinding, basketry, and other crafts.

Winter, spring, and summer quarters. Four credits. Miss Swerer, Miss Schutzbach.

**Art 4. Primary Construction.** Principles of design and color applied to simple construction problems directly usable in the primary grades and rural schools.

Winter and summer quarters. Two credits. Miss Gingrich.



**Art 5. Blackboard Sketching.** A course in sketching on the blackboard.

*Prerequisite: Art 1.* Spring and summer quarters. Two credits. Miss Swerer, Miss Schutzbach.

**Art 6. Pottery.** A course in pottery modeling.

Fall and spring quarters. Three credits. Miss Swerer, Miss Schutzbach.

**Art 7. Stage Craft.** The construction of puppets, masks, shadow forms and stage sets, with special emphasis upon the art principles involved.

Fall and summer quarters. Three credits. Miss Schutzbach.

**Art 8. Water Color.** Composition and quality of color, their development through the application of various techniques and processes relative to water color.

*Prerequisite: Art 1.* Fall and summer quarters. Three credits. Miss Swerer.

**Art 9. Picture Study.** A course for the detailed study of pictures, with emphasis upon their place in the life of the human family. The development of the appreciation of pictures, and their use in the public schools.

Winter and spring quarters. Three credits. Miss Swerer.

**Art 101a. Public School Art for Elementary Grades.** Practical work in art which is directly applicable to the problems of the elementary grades of the modern public school.

Winter and summer quarters. Three credits. Miss Gingrich, Miss Schutzbach.

**Art 101b. Public School Art for Junior High Schools.** Practical study of the work in art which is directly applicable to the problems of the junior high school.

Fall and spring quarters. Three credits. Miss Gingrich, Miss Schutzbach.

**Art 102. Art Supervision.** Fundamentals of art teaching in elementary and junior high schools. Color and form as basic thought process in art. Knowledges, skills and appreciations of the subject. Art integration with the social sciences. Art as a method of free expression of the child's intellec-

tual, emotional and spiritual initiative. Follows "Art Activity Course of Study."

Winter, spring and summer quarters. Four credits. Miss Swerer.

**Art 103. History of Art.** The course is based upon the principle that "Art is the index to the characteristics of races, nations and individuals." Architecture is given the main place in the course.

Fall and summer quarters. Four credits. Miss Swerer.

**Art 104. Advanced Crafts.** Application of decorative and contour design. Woodblocking, dyeing, weaving, leather work, book-making and art metal.

Winter, spring and summer quarters. Four credits. Miss Schutzbach.

**Art 105. Interior Decoration.** Development of appreciation of color, form and arrangement, as applied to interior decorating, emphasizing the problem of the small house. Problems in school-room planning and decoration are considered.

Spring and summer quarters. Three credits. Miss Gingrich, Miss Schutzbach.

**Art 106. Figure Drawing.** Advanced drawing, working from the draped figure.

*Prerequisite: Art 1.* Winter and spring quarters. Three credits. Miss Swerer.

**Art 107. Commercial Design.** Pen and ink illustration, poster making and other types of advertising.

Fall and summer quarters. Three credits. Miss Schutzbach, Miss Gingrich.

**Art 108. Lettering.** Manuscript, broad pen, and poster lettering. This course may be combined with Art 7.

Fall and summer quarters. Two credits. Miss Gingrich, Miss Schutzbach.

**Art 109. Oil Painting.** A course in which the medium for expression is oil paint. Composition is emphasized.

Fall and summer quarters. Three credits. Miss Swerer.

**Art 110. Color.** The theories of color; color combinations applicable to costumes, interior decoration, and ornament.

Winter and summer quarters. Three credits. Miss Schutzbach, Miss Gingrich.



**Art 111. Appreciation of Folk-art.** A study of the arts of the folk and their significance in the life of the people. This will include mainly the crafts and architecture.

Summer quarter. Three credits. Miss Swerer, Miss Schutzbach.

**Art 112. Student Teaching in Art.** Teaching under supervision in the training school.

Fall, winter, and spring quarters. Three credits. Staff.

## BIOLOGY

MR. HUNGATE, *Department Head and Major-Minor Adviser*

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major

Biol. 110, 111	Zoology .....	8 credits
Biol. 116	Entomology .....	4 credits
Biol. 117, 118	Botany .....	8 credits
Biol. 119	Botany .....	4 credits
Biol. 121	Genetics .....	2 credits
Total.....		26 credits

### Three-Year Minor

Biol. 110	Zoology .....	4 credits
Biol. 116	Entomology .....	4 credits
Biol. 117, 118	Botany .....	8 credits
Total.....		16 credits

### Four-Year Major

Biol. 110, 111, 112	Zoology .....	12 credits
Biol. 116	Entomology .....	4 credits
Biol. 117, 118	Botany .....	8 credits
Biol. 119	Botany .....	4 credits
Biol. 120	Plant Physiology .....	3 credits
Biol. 121	Genetics .....	2 credits
Biol. 122	Technique in Biology.....	2 credits
Total.....		35 credits

**Four-Year Minor**

Biol. 110	Zoology .....	4 credits
Biol. 116	Entomology .....	4 credits
Biol. 117, 118	Botany .....	8 credits

Choice of:

Biol. 111	Zoology .....	4 credits	} 4 credits
Biol. 119	Botany .....	4 credits	

Total .....	20 credits
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*Note: All courses in Biology are offered by Mr. Hungate.*

**Biol. 2. Introduction to Biology.** A general introductory course.

Fall, winter, summer quarters. Four credits.

**Biol. 9. Nature Study.** The materials suitable for use in the grades, including the collecting of such materials. One bird trip a week is required during the greater part of the quarter.

Spring quarter. Three credits.

**Biol. 20. Boy Scout Leadership.** Given in conjunction with the Spokane Council, Boy Scouts of America. Training in scoutcraft, and the organizing and conducting of a troupe. A certificate is presented to each man completing the course.

Spring quarter. One credit.

**Biol. 110, 111, 112. Zoology.** Structure and natural history of the invertebrates. Structure, physiology and classification of the vertebrates, using selected types for laboratory work. The different vertebrate classes with reference to their ecological and taxonomic relationships including field work and preparation of specimens.

Fall, winter and spring quarters. Four credits a quarter.

**Biol. 113. Ornithology.** Study of the birds of Washington, and particularly of eastern Washington. Classification, use of key, study of habits and life histories. Field work is required.

Spring quarter. Three credits.

**Biol. 114. Mammal Study.** Classification, habits, and life histories of mammals. Field work is required.

Spring quarter. Three credits.



**Biol. 116. Entomology.** Structure and classification of insects. Stress placed upon their economic relationships and their suitability for nature work in the schools. Field work is required.

Spring quarter. Four credits.

**Biol. 117, 118. Botany.** The thallophytes, bryophytes, pteridophytes, and spermatophytes in relation to their structure, ecology and economic importance.

Fall and winter quarters. Four credits a quarter.

**Biol. 119. Botany (Advanced).** Study and classification of native plants of the region.

Summer quarter. Four credits.

**Biol. 120. Plant Physiology.** An elementary course covering the general physiological activities of plants.

Not given in 1934-35. Three credits.

**Biol. 121. Genetics.** An elementary course dealing with variation and heredity in plants and animals.

Winter quarter. Two credits.

**Biol. 122. Technique in Biology.** Collection and preparation of plant and animal material for study, including fixation, sectioning, staining and preparation of specimens.

Not given in 1934-35. Two credits.

## EDUCATION

DR. WILLIAMSON, *Department Head and Minor Adviser*  
 DR. BARBER, MR. CRAIG, MR. FRASIER, MR. HAWK, MR. PENCE,  
 MISS PETERSON, MR. SHINKLE

The suggested outline for minors given below may be changed with the advice and consent of the Minor Adviser. Such changes should be approved in writing by the Minor Adviser.

### Professional Requirements in Education

All students qualifying for a teaching credential will complete the professional work outlined below or its equivalent.

#### *In the Three-Year Curriculum*

Ed. 2	Introduction to Education—Freshmen.....	3 credits
Ed. 3	Elementary School Management—Sophomores.	3 credits
	Choice of:	3-4 credits
Ed. 119	Educational Measurement—Juniors ...	3 credits
Ed. 134	Philosophy of Education—Juniors.....	4 credits
	(Ed. 124, Educational Sociology, may be substituted for Ed. 134)	

#### *In the Four-Year Curriculum*

Ed. 2	Introduction to Education—Freshmen.....	3 credits
Ed. 3	Elementary School Management—Sophomores.	3 credits
Ed. 134	Philosophy of Education—Juniors, Seniors....	4 credits
	(Ed. 124, Educational Sociology, may be substituted for Ed. 134)	
Ed. 119	Educational Measurement—Seniors.....	3 credits

### Education Minor

Ed. 110	Rural Sociology .....	3 credits
Ed. 133	Conflicting Theories in Modern Education....	3 credits
	Choice of:	3-5 credits
Ed. 122	History of Education.....	5 credits
Ed. 115	History of Education in the U.S.	3 credits
	An additional course to be arranged with the adviser..	3-1 credits
	Total.....	12 credits



**Educational Supervision Minor**

Ed. 120	Educational Supervision .....	3 credits
Ed. 126	Elementary School Administration.....	4 credits
Choice of one:		3-4 credits
Ed. 113	Curriculum Study .....	3 credits
Ed. 115	History of Education in the U. S.	3 credits
Ed. 133	Conflicting Theories in Modern Education .....	3 credits
Ed. 149	Advanced Educational Measure- ment .....	3 credits
Psych. 104	Psychology of Exceptional Children .....	4 credits
One additional course to be arranged with the adviser..		3 credits
Total.....		13-14 credits

*Note:* Education can be used only for the 12-hour or second minor.

For Teaching Minor see "Training Schools."

For Psychology Minor see "Psychology."

**Ed. 2. Introduction to Education.** The student is introduced to some of the problems of education and of the teacher, and such topics are treated as: teaching as a vocation, how to study, the American Public School System, current practices in education. The course helps the student start the building of an educational philosophy most likely to meet present-day needs.

All quarters. Three credits. Mr. Shinkle, Dr. Williamson.

**Ed. 3. Elementary School Management.** A study of the major problems of elementary and rural schools. The state course of study and the school laws of Washington are given particular attention.

All quarters. Three credits. Mr. Craig, Mr. Shinkle.

**Ed. 107. Problems in Education.** A seminar course for advanced students. The purpose of this course is to provide opportunity for intensive study of problems of particular interest to the student.

Spring and summer quarters. Credits to be arranged. Staff.

**Ed. 110. Rural Sociology.** An introduction to the sociological problems of rural life with special reference to the cultural, material, and structural elements of rural society.

Winter, spring and summer quarters. Three credits. Mr. Craig, Mr. Shinkle.

**Ed. 113. Curriculum Construction.** A study of the current viewpoints regarding curriculum construction. The major problem in the course is the working out of curriculum projects—both as a class group and individually.

Winter and summer quarters. Three credits. Mr. Hawk.

**Ed. 115. History of Education in the U. S.** Beginning with the colonial period, a study of the development of educational philosophies and practices in the United States. Particular attention is given to the development of the American public system of tax-supported schools and to the work of educational reformers.

*Prerequisite: Junior or senior standing.* Spring and summer quarters. Three credits. Staff.

**Ed. 119. Educational Measurement.** Principles and current practices in the measurement of educational achievement. Informal tests, standardized tests, methods of grading, pupil accounting, and personality measurements are studied.

Fall, winter and summer quarters. Three credits. Mr. Hawk.

**Ed. 120. Educational Supervision.** Consideration is given to the improvement of instruction through supervision in the elementary school. Emphasis is placed on this problem as related to supervision in the small school system.

Spring and summer quarters. Three credits. Miss Peterson, Mr. Frasier.

**Ed. 122. History of Education.** A study of the development of educational philosophies, teaching practices and school administration and their relation to the history of civilization. The course begins with the history of the Greeks and continues the story up to the present.

*Prerequisite: Junior or senior standing.* Fall and summer quarters. Five credits. Staff.

**Ed. 124. Educational Sociology.** A study of modern social organization and its relation to education; the individual and the social group; the social objectives of education; the relation of the school to other institutions; practical problems in the social aspects of school organization and methods.



*Prerequisite: Junior or senior standing.* Fall, spring, and summer quarters. Four credits. Dr. Barber.

**Ed. 126. Elementary School Administration.** The practical problems of elementary administration, supervision, and school finance adapted to the needs of students preparing to serve as elementary school principals.

*Prerequisite: Instructor's consent.* Winter and summer quarters. Four credits. Mr. Frasier.

**Ed. 128. The Junior High School.** The development of the junior high school and theory and practice of administration and teaching. A special study is made of curriculum practices and of extra-curricular activities.

*Prerequisite: Junior or senior standing.* Spring and summer quarters. Five credits. Dr. Williamson, Mr. Pence.

**Ed. 129. Character Education.** The principles of education, pertinent to the task of character building, are applied to class-room procedure. The student is given a more adequate and liberalized view-point of ethical conduct.

*Prerequisite: Junior or senior standing.* Spring and summer quarters. Two credits. Dr. Williamson, Miss Peterson.

**Ed. 133. Conflicting Theories in Modern Education.** The various trends and conflicts in American education. The development of the theory of the so-called "activity program" as framed by the thinking of Rousseau, Pestalozzi, Dewey and others; the "discipline" theory; the scientific movement in education. An effort is made to understand the contrasting educational view-points of leading contemporary educators.

*Prerequisite: Junior or senior standing.* Winter and summer quarters. Three credits. Dr. Williamson.

**Ed. 134. Philosophy of Education.** A course designed to clarify thinking relative to the purposes of education, the role of the teacher, and the function of the school in present-day society; the nature of the individual, how he learns, the place of interest in learning. The viewpoint presented is essentially that of progressive education.

*Prerequisite: Junior or senior standing.* All quarters. Four credits. Dr. Williamson.

**Ed. 139. Current Educational Topics.** Events of the day as related to education. A study is made of current news and educational periodicals.

*Prerequisite: Instructor's consent.* Winter, spring and summer quarters. One credit. Dr. Williamson.

**Ed. 140. Rural School Problems.** A consideration of the problems of the rural school teacher.

*Prerequisite: Education 2.* Summer quarter. Two credits. Mr. Craig.

**Ed. 149. Advanced Educational Measurement.** Statistical procedure usable by principals and supervisors. School surveys, graphic presentation of data and construction of tests are major topics.

*Prerequisite: Instructor's consent.* Winter and summer quarters. Three credits. Mr. Hawk.

**Phil. 51. Introduction to Philosophy.** A general introduction to the field of philosophy. Current problems will be used to stimulate reflective thinking, and the aim throughout will be to develop a more adequate outlook on life.

*Prerequisite: Sophomore standing.* Spring quarter. Five credits. Dr. Williamson.



## ENGLISH

DR. TIEJE, *Department Head and Major-Minor Adviser*  
MR. ALLEN, MISS DICKINSON, MR. GRUBER, MR. HOLMQUIST,  
MR. PENCE

*Students desiring to arrange a combined English-Speech major should, before registering, consult with the Head of the Department in order to arrange a satisfactory course.*

The suggested outlines for majors and minors given below may be changed only with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major in English

*Note: See English 3*

Eng. 51, 52, 53	Survey of English Literature—Sophomores .....	12 credits
Eng. 61	Syntax—Juniors .....	3 credits
Eng. 242	Advanced Composition—Juniors .....	4 credits
Eng. 201	Shakespeare—Juniors .....	4 credits
Total.....		23 credits

### Three-Year Minor in English

*Note: See English 3*

Eng. 51, 52, 53	Survey of English Literature—Sophomores .....	12 credits
Total.....		12 credits

### Four-Year Major in English

*Note: See English 3*

Eng. 51, 52, 53	Survey of English Literature—Sophomores .....	12 credits
Eng. 61	Syntax—Juniors .....	3 credits
Eng. 242	Advanced Composition—Juniors .....	4 credits
Eng. 201	Shakespeare—Juniors .....	4 credits
Eng. 105	History of Language and Advanced Grammar—Seniors .....	5 credits
Choice of eight credits:—Seniors.....		8 credits
Eng. 216-7	Old and Middle English Literature	
Eng. 218	The English Renaissance from Spenser to Milton	
Eng. 201	Shakespeare	
Eng. 204	Types of World Tragedy	

Eng. 206	Ibsen and Shaw
Eng. 208	Contemporary Drama
Eng. 222	Early Nineteenth Century Literature
Eng. 223	Late Nineteenth Century Literature
Eng. 231	American Poetry
Eng. 232	American Prose
Eng. 233	American Short Story
Eng. 235	Modern American Novel

Total..... 36 credits

#### Four-Year Minor in English

*Note: See English 3*

Eng. 51, 52, 53	Survey of English Literature—Sophomores .....	12 credits
Eng. 61	Syntax—Juniors .....	3 credits
Eng. 242	Advanced Composition—Juniors .....	4 credits

Total..... 19 credits

*Note: Courses numbered 1-199 inclusive may not be taken by correspondence. Those numbered 200 and above may be taken by correspondence only with the consent of the instructor and the written permission of the Head of the Department.*

**Eng. A. Sub-freshman English.** Drill on grammatical correctness and on elementary problems in syntax and punctuation.

*Students showing deficient preparation in English will be assigned to this course. Fall quarter. No credit. Four recitations a week. Mr. Holmquist, Mr. Gruber.*

**Eng. 1, 2. Composition.** Sentence structure for emphasis, analysis of paragraphs, themes.

*Required of all in freshman year. May not be counted toward a major or minor. Fall and winter. Four credits. Dr. Tiejé and staff.*

**Eng. 3. Reading of English Literature.** The oral reading of literature for thought content. Poetic analysis; poetic methods; versification; literary types. Some attention to chief English poets.

*Required of majors and minors in English and Speech, freshman year. Students taking this course may not take English 4. Prerequisites: English 1 and 2. Spring quarter. Four credits. Mr. Allen.*



**Eng. 4. Cultural Backgrounds.** Emphasis on the chief narrative types,—epic, romance, ballad, tale, etc. The great prose writers. Versification. The great contributions of English literature to modern culture.

*Not open to majors or minors in English; required of all others before the junior year. Students taking this course may not take English 3. Prerequisites: English 1 and 2. All quarters. Four credits. Dr. Tiejé and staff.*

**Eng. 40. Newswriting.** Gathering material, organization of news stories, leads.

*Open to freshmen. Recommended to those who intend to enter the junior high school course or who are interested in journalism. Fall and spring quarters. Three credits. Mr. Holmquist.*

**Eng. 41, 42, 43. Journalism.** A course for those on the staff of the school paper.

*May be begun any quarter. Recommended to those in the junior high school course. Fall, winter, spring quarters. Three credits a quarter. Mr. Holmquist.*

**Eng. 51, 52, 53. Survey of English Literature.** An historical survey of English literature from Beowulf to Hardy.

*These courses run in sequence and should be begun in the fall quarter. Required of all Speech and English majors and minors in the sophomore year. Prerequisites: English 1, 2, 3. Fall, winter, spring quarters. Four credits a quarter. Dr. Tiejé.*

**Eng. 61. Syntax.** A rapid review of the fundamental constructions in the English sentence through the subordinate clause.

*Prerequisites: English 1 and 2. Fall quarter. Three credits.*

#### PROFESSIONAL ELECTIVES

*General prerequisites: English 1 and 2.*

**Eng. 102. Juvenile Literature.** The bibliography of literature for upper grades and junior high school.

*Fall quarter. Three credits. Mr. Pence.*

**Eng. 103. Language and Composition.** An examination of the aims and methods for teaching grammar and composition in the upper grades and junior high school.

*Winter quarter. Three credits. Mr. Pence.*

**Eng. 104. Oral Reading in the Junior High School.** A study of the material suitable for oral reading, the purpose of the work, and methods of procedure.

Spring quarter. Three credits. Mr. Pence.

**Eng. 105. History of Language and Advanced Grammar.** A brief study of the development of the English language, and a study of verbals and unusual constructions in English.

*Prerequisite: English 61.* Winter quarter. Five credits. Dr. Tieje.

#### ADVANCED ELECTIVES

*General prerequisites: English 1, 2, 3, 51, 52, 53, and Junior standing.*

**Eng. 201. Shakespeare.** (a) Comedies: *Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Tempest*. (b) Tragedies: *Romeo and Juliet*; *Macbeth*; *King Lear*; *Hamlet*. (c) Histories: *Richard II*; *Henry IV, I*; *Henry V*; *Richard III*; *Julius Caesar*.

Fall, winter, spring quarters. Four credits. Dr. Tieje.

**Eng. 204. Types of World Tragedy.** Varying conceptions of tragedy from the classical art of the Greeks to the naturalism of the modern era.

Fall quarter. Four credits. Mr. Gruber.

**Eng. 206. Ibsen and Shaw.** Rapid reading of typical plays.

Fall quarter. Two credits. Miss Dickinson.

**Eng. 208. Contemporary Drama.** Rapid reading of typical plays with lectures on the significance of the authors.

Spring quarter. Three credits. Miss Dickinson.

**Eng. 216, 217. Old and Middle English Literature.** The beginnings to the close of the fourteenth century, with emphasis on the language, pronunciation, and chief works of Chaucer in Eng. 217.

Fall quarter. Alternate years. Mr. Allen.

**Eng. 218. The English Renaissance from Spenser to Milton.** The period in history; non-dramatic poetry and prose with emphasis on the major figures of the age: Wyatt, Surrey,



Spenser, Donne, Jonson, Bacon, Sir Thomas Browne, Burton, Herrick, the metaphysicals, Hobbes, Milton.

Winter quarter. Four credits. Mr. Allen.

**Eng. 222. Early Nineteenth Century Literature.** A study of literary tendencies and representative authors. Poetry, novels, essays, and drama.

Winter quarter. Four credits. Mr. Gruber.

**Eng. 223. Late Nineteenth Century Literature.** A study of literary tendencies and representative authors. Poetry, novels, essays, and drama.

Spring quarter. Four credits. Mr. Gruber.

**Eng. 231. American Poetry.** A brief survey of the earlier poets; Whitman and his influence; transition and contemporary poets.

Fall quarter. Four credits. Mr. Holmquist.

**Eng. 232. American Prose.** A brief survey of the earlier authors; readings from Emerson, Thoreau, Melville, Lowell, Holmes, William James, Henry Adams, and others.

Winter quarter. Four credits. Mr. Holmquist.

**Eng. 233. American Short Story.** The development of the type with intensive study of recognized masterpieces and some attention to the modern types.

Spring quarter. Four credits. Mr. Holmquist.

**Eng. 235. Modern American Novel.** A survey of American fiction from Henry James to date.

Summer quarter. Four credits. Mr. Allen.

**Eng. 242. Advanced Composition.** The forms of discourse. Short themes, three long themes.

Spring quarter. Four credits. Mr. Allen.

## GEOGRAPHY

MR. BUCHANAN, *Department Head*

DR. FREEMAN, *Major-Minor Adviser*

DR. BOTSFORD, MISS LAVIN

The suggested outline for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

The work in Geography falls into four groups: Local, physiographic, regional, human and economic. The majors and minors are selected from these groups as follows:

### Three-Year Major

Geog. 107	Geography of Washington—Sophomores.....		2 credits
Choice of:			
Geog. 104	North America... 3 credits	}	Sophomores 3 credits
Geog. 105	South America... 3 credits		
Choice of:			
Geog. 103	Commercial Geography. 3 credits	}	Soph. 3 credits
Geog. 117	Resources and Conservation ..... 3 credits		
Geog. 110	Geology—Sophomores .....		3 credits
Choice of two courses in group III—Juniors.....			6 credits
Choice of two courses in group IV—Juniors.....			6 credits
Total.....			23 credits

### Three-Year Minor

Choice of:			
Geog. 104	North America .....	}	3 credits
Geog. 105	South America .....		
Choice of:			
Geog. 103	Commercial Geography .....	}	3 credits
Geog. 117	Resources and Conservation. 3 credits		
Choice of:			
Any two courses of 3 credits in any of the four groups			6 credits
Total.....			12 credits

### Four-Year Major

Geog. 107	Geography of Washington.....		2 credits
Choice of:			
Geog. 104	North America .....	}	3 credits
Geog. 105	South America .....		



Choice of:		
Geog. 103 Commercial Geography .....	}	3 credits
Geog. 117 Resources and Conservation.....		
Geog. 110 Geology .....		3 credits
Choice of:		
Two courses in group III.....		6 credits
Choice of:		
Two courses in group IV.....		6 credits
Choice of:		
Four three-credit courses divided among groups II, III, IV.....		12 credits
Total.....		<hr/> 35 credits

**Four-Year Minor**

Choice of:		
Geog. 104 North America .....	}	3 credits
Geog. 105 South America .....		
Choice of:		
Geog. 103 Commercial Geography .....	}	3 credits
Geog. 117 Resources and Conservation.....		
Choice of:		
Any two courses of 3 credits in any of the four groups		12 credits
Geog. 107 Geography of Washington.....		2 credits
Choice of:		
One course from group III.....		3 credits
Choice of:		
One course from group IV.....		3 credits
Total.....		<hr/> 26 credits

**Group I: Local**

Geog. 107 Washington .....	2 credits
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**Group II: Physiographic**

Geog. 136 Physiography, plus Geog. 120-Field trips	3 credits
Geog. 110 Geology .....	3 credits
Geog. 122 Advanced Field Trips.....	3 credits

**Group III: Regional**

Geog. 104 North America .....	3 credits
Geog. 105 South America .....	3 credits
Geog. 106 Geographic Regions of the World.....	3 credits
Geog. 111 Asia .....	3 credits
Geog. 112 Africa .....	3 credits
Geog. 113 Europe .....	3 credits
Geog. 115 Pacific .....	3 credits
Geog. 123 Caribbean .....	3 credits
Geog. 124 Physiography of Western U. S.....	3 credits

**Group IV: Human and Economic**

Geog. 102	Advanced Geog. Methods.....	3 credits
Geog. 103	Commercial Geography .....	3 credits
Geog. 108	Historical Geog. of U. S.....	3 credits
Geog. 109	World Problems .....	3 credits
Geog. 114	Climatology .....	3 credits
Geog. 116	Geography of the Mediterranean.....	3 credits
Geog. 117	Resources and Conservation.....	3 credits
Geog. 118	Factors and Types in Geography.....	3 credits

**Geog. 1. Elements of Geography.** The fundamental principles of human adjustment to natural environment. Aims: (1) to develop in the student the power to interpret geographic environment in terms of its relation to human activities; (2) to train the student in the selection, organization, and presentation of essential materials for the teaching of geography.

All quarters. Five credits. Dr. Botsford.

**Geog. 136. Physical Geography.** A course of direct use to teachers and of cultural value to anyone interested in outdoor study of physical environment.

Summer quarter. Three credits. Dr. Freeman.

**Geog. 102. Advanced Geography Methods.** A study of teaching methods involving (a) the contrasting of old and new methods of teaching geography in application of actual teaching problems; (b) the organization and interpretation of geographic facts in the form of charts, maps, and graphs which can be applied to the teaching of elementary geography; (c) the working out of practical problems and projects with collecting of material for teaching purposes.

Spring and summer quarters. Three credits. Miss Lavin.

**Geog. 103. Commercial Geography.** The location and production of essential commodities in the United States, and the factors affecting their production and distribution. A geographic study of the commerce of foreign countries and world trade.

Winter and summer quarters. Three credits. Dr. Freeman.

**Geog. 104. North America.** An economic, commercial, social, physical, and regional study of the continent based on *North America*, by J. Russell Smith.

Fall and summer quarters. Three credits. Miss Lavin.



**Geog. 105. South America.** A regional study emphasizing our commercial relations with South America. Based chiefly on problem study; deals with social, economic, and political problems in relation to natural environment in the various regions.

Winter quarter. Three credits. Miss Lavin.

**Geog. 106. Geographic Regions of the World.** Considers the geographic regions of the world and man's relation to these variable environments.

Alternate years. Not given in 1934-35. Three credits. Dr. Freeman.

**Geog. 107. Geography of Washington.** An economic study of the contrasted distribution of population and industries in relation to the contrasted geographic environment of the eastern and western parts of our state. Suggestions for various methods of teaching the geography of the state of Washington, and practical problems to be carried over into grade teaching.

Fall and summer quarters. Two credits. Three credits may be given when equivalent extra work is done. Dr. Freeman.

**Geog. 108. Historical Geography of the United States.** A study of the geographic factors most closely concerned with the history of our country. The geography of the early oriental trade and the geography of early European history. Special emphasis on the westward movement; on the rise of cities; on the growth of trade and transportation; and on the place of the United States as a world power.

Not given 1934-35. Three credits. Dr. Freeman.

**Geog. 109. World Problems.** A study dealing chiefly with the geography of Europe and of her colonial problems, based on Bowman's *New World*. Other continents in terms of their dominant political and economic problems. Of special value to teachers in the interpretation and correlation of geography and history.

Spring and summer quarters. Three credits. Dr. Freeman.

**Geog. 111. Asia.** A regional study of Asia. Relationships between economic activities and natural environment in the

various geographic regions. No text-book. Collateral reading. Collection of maps and notes by students for use in teaching. Spring quarter. Three credits. Dr. Freeman.

**Geog. 112. Africa.** A regional study of Africa and the industries and culture of the people as related to the environment.

Not given in 1934-35. Three credits. Dr. Freeman.

**Geog. 113. Europe.** A study of the economic and political development of peoples as related to natural and non-environmental conditions in Europe. Colonial problems in international relations.

Fall and summer quarters. Three credits. Dr. Freeman.

**Geog. 114. Climatology.** A study of climatic divisions of the earth and their relation to the distribution of human activities. Special emphasis on the interpretation of maps, weather charts, and original weather data from representative stations throughout the world.

Fall and summer quarters. Three credits. Dr. Freeman.

**Geog. 115. Geography of the Pacific.** The oceanic islands, coasts, trade routes, geographic influences, and commercial, economic, and political problems of the Pacific, particularly as regards Washington. Recommended to commercial and public school teachers.

Spring and summer quarters. Three credits. Dr. Freeman.

**Geog. 116. Historical Geography of the Mediterranean.**

Summer quarter. Three credits. Dr. Freeman.

**Geog. 117. Resources and Conservation.** The natural resources in minerals, timber, soil, wild life, etc., of the United States, their conservation and their relation to foreign supplies.

Winter quarter. Three credits. Dr. Freeman.

**Geog. 118. Factors and Types in Geography.**

Alternate years. Three credits. Dr. Freeman.

**Geog. 120. Field Trips.** Six field trips in geology and geography to Grand Coulee, "Hole-in-the-Ground," Mount Spokane, and elsewhere.

Summer quarter. One credit. Dr. Freeman.



**Geog. 121. Advanced Field Trip.** Two weeks. Taken at the close of the summer quarter. In 1934 to Alaska. During the excursion, places of geological and geographic interest are intensively studied. The 1935 excursion, as now planned, is to the Colorado Rockies.

Summer quarter. Three credits. Dr. Freeman.

**Geog. 123. Caribbean.**

Alternate years, winter. Three credits. Dr. Freeman.

**Geog. 124. Physiography of Western United States.**

Alternate years, not given in 1935. Three credits. Dr. Freeman.

## HISTORY

MR. KINGSTON, *Department Head and Major-Minor Adviser*

MR. COBB, MR. TYLER

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

Students taking courses 114, 115, and 116 in their majors or minors may be excused from History 4.

### Three-Year Major

Hist. 51	History of Western Europe The Mediaeval Period.....	4 credits
Hist. 52	History of Western Europe The Early Modern Period.....	4 credits
Hist. 114	American History to 1783.....	5 credits
Hist. 115	American History, 1783-1865.....	5 credits
Hist. 116	American History since 1865.....	5 credits
Total.....		23 credits

### Three-Year Minor—Intermediate Grades

Hist. 51	History of Western Europe The Mediaeval Period.....	4 credits
Hist. 52	History of Western Europe The Early Modern Period.....	4 credits
Hist. 114	American History to 1783.....	5 credits
Total.....		13 credits

### Three-Year Minor—Junior High Grades

Hist. 114	American History to 1783.....	5 credits
Hist. 115	American History, 1783-1865.....	5 credits
Hist. 116	American History since 1865.....	5 credits
Total.....		15 credits

### Four-Year Major

Hist. 51	History of Western Europe The Mediaeval Period.....	4 credits
Hist. 52	History of Western Europe The Early Modern Period.....	4 credits
Hist. 114	American History to 1783.....	5 credits
Hist. 115	American History, 1783-1865.....	5 credits



Hist. 116	American History since 1865.....	5 credits
Hist. 105	History of Western Europe since 1815.....	5 credits
Hist. 107	Northwest History .....	4 credits
Choice of:		3 credits
Hist. 111	British North America	
Hist. 112	Latin America	
Total.....		35 credits

**Four-Year Minor—Intermediate Grades**

Hist. 50	The Classical Period.....	4 credits
Hist. 51	History of Western Europe The Mediaeval Period.....	4 credits
Hist. 52	History of Western Europe The Early Modern Period.....	4 credits
Hist. 114	American History to 1783.....	5 credits
Hist. 107	Northwest History .....	4 credits
Total.....		21 credits

**Four-Year Minor—Junior High Grades**

Hist. 114	American History to 1783.....	5 credits
Hist. 115	American History, 1783-1865.....	5 credits
Hist. 116	American History since 1865.....	5 credits
Hist. 105	European History since 1815.....	5 credits
Total.....		20 credits

**Hist. 4. United States History.** A general survey of the leading facts of American History.

*Students may be excused from this course if they take courses 114, 115, and 116 in either a major or a minor.* All quarters. Five credits. Mr. Kingston, Mr. Cobb, and Mr. Tyler.

**Hist. 50. Early Civilization and the Classical Period.** The eastern Mediterranean background and the classical civilizations of Greece and Rome to the end of the Roman Empire of the West.

Fall quarter. Four credits. Mr. Kingston.

**Hist. 51. Western Europe, The Mediaeval Period.** A general survey course of the social and political institutions of western Europe from the fifth century to 1492.

Winter quarter. Four credits. Mr. Kingston.

**Hist. 52. Western Europe, The Early Modern Period.** A continuation of the preceding course covering the political and cultural history of western Europe from 1492 to 1815.

Spring quarter. Four credits. Mr. Kingston.

**Hist. 105. European History Since 1815.** A historical perspective of European affairs during the 19th century; the background of the Great War and the present European situation.

Spring and summer quarters. Five credits. Mr. Cobb.

**Hist. 107. Northwest History.** The exploration of the Pacific Northwest, the fur trade, the missionaries, the gold discoveries, railroad building, industrial development, and political history, with special reference to Washington.

Fall, winter, and summer quarters. Four credits. Mr. Kingston.

**Hist. 108. Economic History of the United States.** An introduction to commerce and industry, labor and currency systems, public lands, internal improvements, western migration, and the relation of the economic to the political history of the United States.

Spring quarter. Five credits. Mr. Tyler.

**Hist. 111. British North America.** An outline of the history and development of the political institutions of Canada.

Spring quarter. Three credits. Mr. Kingston.

**Hist. 112. Latin America.** An outline of Spanish and Portuguese settlements in the western continent, the wars of independence, and a rapid summary of the events in the more important Latin American countries.

Winter quarter. Three credits. Mr. Cobb.

**Hist. 114. American History to 1789.** The period of exploration and discovery, early colonization, and growth of the English colonies, to the adoption of the Constitution.

Fall and summer quarters. Five credits. Mr. Cobb.

**Hist. 115. American History, 1783-1865.** Formation of the Constitution, political development, western expansion, the slavery question, secession, to the end of the Civil War.

Winter and summer quarters. Five credits. Mr. Cobb.



**Hist. 116. American History Since 1865.** The political issues and economic and social development of the United States during the last sixty years.

Spring and summer quarters. Five credits. Mr. Cobb.

**Hist. 118. Contemporary Russia.** The economic, social and cultural phases of Russian history since the revolution of 1917, with a review of the Imperial period as background.

Spring quarter. Three credits. Mr. Cobb.

**Hist. 119. Far Eastern International Relations.** A survey of the problems of the Pacific area with special emphasis upon Chinese, Japanese, and Russian relations with each other and upon the role of the United States in the international relations of this region.

Fall quarter. Three credits. Mr. Cobb.

## HOME ECONOMICS

MR. HUNGATE, *Department Head*

MRS. ANDERSON, *Major-Minor Adviser*, Foods and Nutrition

MISS BRODNAX, *Major-Minor Adviser*, Textiles and Clothing

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

Students majoring in Home Economics are required to take certain basic subjects beginning the first quarter.

Any student may choose Home Economics 2, 3, 4, 11, 18, 27, 106, 109, and 112 for electives.

Those majoring in Home Economics are advised to take Chemistry as a second minor (Chemistry 101, 102, 103).

### Three-Year Major

Home Ec. 3	Foods .....	4 credits
Home Ec. 4	Foods .....	4 credits
Home Ec. 18	Textiles .....	3 credits
Home Ec. 20	Clothing .....	4 credits
Home Ec. 27	Costume Design .....	3 credits
Home Ec. 106	Dietetics .....	3 credits
Home Ec. 109	Household Management .....	3 credits
Home Ec. 114	Home Economics Methods.....	2 credits
Home Ec. 122	Clothing .....	4 credits
Total .....		30 credits

### Three-Year Minor

Home Ec. 18	Textiles .....	3 credits
Home Ec. 106	Dietetics .....	3 credits
Choice of 8 credits.....		8 credits
Home Ec. 3	Foods .....	4 credits
Home Ec. 4	Foods .....	4 credits
Home Ec. 20	Clothing .....	4 credits
Home Ec. 109	Household Management	3 credits
Home Ec. 122	Clothing .....	4 credits
Total .....		14 credits



**Four-Year Major**

Home Ec. 3 Foods .....	4 credits
Home Ec. 4 Foods .....	4 credits
Home Ec. 18 Textiles .....	3 credits
Home Ec. 20 Clothing .....	4 credits
Home Ec. 27 Costume Design .....	3 credits
Home Ec. 106 Dietetics .....	3 credits
Home Ec. 109 Household Management .....	3 credits
Home Ec. 113 Student Teaching in Home Economics.....	credits to be arranged
Home Ec. 114 Home Economics Methods.....	3 credits
Home Ec. 122 Clothing .....	4 credits
Choice of:	
Home Ec. 104 Experimental Cooking.	4 credits
Home Ec. 116 Advanced Dietetics....	3 credits
or:	
Home Ec. 118 Advanced Textiles.....	3 credits
Home Ec. 127 Historic Costume.....	4 credits

**Four-Year Minor**

Home Ec. 18 Textiles .....	3 credits
Home Ec. 106 Dietetics .....	3 credits
Choice of 8 credits.....	8 credits
Home Ec. 3 Foods .....	4 credits
Home Ec. 4 Foods .....	4 credits
Home Ec. 20 Clothing .....	4 credits
Home Ec. 109 Household Management	3 credits
Home Ec. 122 Clothing .....	4 credits
Choice of 7 credits.....	7 credits
Home Ec. 104 Experimental Cooking.	4 credits
Home Ec. 116 Advanced Dietetics....	3 credits
or:	
Home Ec. 118 Advanced Textiles.....	3 credits
Home Ec. 127 Historic Costume.....	4 credits

Total ..... 21 credits

**Home Ec. 1. Foods.** For students who have not had cooking in high school. The composition of foods and the principles of cooking, with practice in following tested recipes.

*Prerequisite for Foods 3 and 4.* By arrangement. Three credits. Mrs. Anderson.

**Home Ec. 2. Food Selection.** A lecture course. How to select foods according to the rules of healthful living.

All quarters. One credit. Mrs. Anderson.

**Home Ec. 3. Foods.** The production, distribution, marketing, and cost of foods with emphasis upon the composition,

nutritive value, principles of cooking and the place in the diet. Emphasis on the foods supplying carbohydrates, fats, vitamins, and ash.

*Prerequisite: Home Ec. 1 or its equivalent in high school. Fee \$4.00.* Fall and spring quarters. Four credits. Mrs. Anderson.

**Home Ec. 4. Foods.** Continuation of Home Ec. 3. An intensive study of the foods supplying proteins, and of table service for breakfasts, dinners, luncheons, teas, decoration, and practical experience in serving.

*Prerequisite: Home Ec. 1 or its equivalent in high school. Fee \$4.00.* Summer and winter quarters. Four credits. Mrs. Anderson.

**Home Ec. 10. Home Economics.** This course is offered to fulfill industrial requirements for intermediate and junior high school teachers. A study of foods, clothing, and home activities.

Fall and spring quarters. Two credits. Mrs. Anderson, Miss Brodnax.

**Home Ec. 11. School Lunch.** The food needs of school children, with plans and methods of serving hot lunches.

Fall and spring quarters. One credit. Mrs. Anderson.

**Home Ec. 18. Textiles.** Study of fabrics, particularly recognition of prices and use of staple materials. A collection of samples of cotton, linen, silk, wool, and rayon will be made.

*Fee \$1.00.* Fall and summer quarters. Three credits. Miss Brodnax.

**Home Ec. 20. Clothing.** Underwear course; pattern placing; hand, machine, and decorative stitches; darning and mending lessons.

*Prerequisite: Home Economics 18. Fee 50c.* Winter, spring, summer quarters. Four credits. Miss Brodnax.

**Home Ec. 27. Costume Design.** Types of persons, and types of line, material, color, etc., suited to each. Presentation lessons.

Winter and summer quarters. Three credits. Miss Brodnax.



**Home Ec. 104. Experimental Cookery.** Study of special food problems. Each student selects some piece of work concerned with foods.

Winter and summer quarters. Four credits. Mrs. Anderson.

**Home Ec. 106. Elementary Dietetics.** The fundamental principles of nutrition; a study of processes of digestive metabolism and the nutritive requirements of the body under various conditions of age and health and the planning of dietaries to meet these requirements of different cost levels.

*Open to men as well as women.* Fall and spring quarters. Three credits. Mrs. Anderson.

**Home Ec. 109. Household Management.** The managing of household operations; systematic planning of daily routine; labor-saving equipment; food planning; marketing; the apportionment of the income through the family budget; the woman and the standard of living; her responsibility to the family, and other modern problems.

Winter and summer quarters. Three credits. Mrs. Anderson.

**Home Ec. 112. Serving.** Table service for breakfasts, luncheons, dinners, teas, and special occasions, including menu planning, table setting, table decoration, and practical experience in serving.

All quarters. Two credits. Mrs. Anderson.

**Home Ec. 113. Student Teaching in Home Economics.** Practical experience in conducting the Home Economics classes of the Training School.

*Prerequisites: Home Economics 3, 4, 106, 18, 20, and 122.* All quarters. Credits to be arranged. Mrs. Anderson.

**Home Ec. 114. Methods in Home Economics.** A survey of the present-day objectives in the field of Home Economics with the methods of presenting them in grade school teaching.

*Prerequisites: Home Ec. 3, 4, 20, 122.* Spring quarter. Two credits. Three lectures a week. Mrs. Anderson, Miss Brodnax.

**Home Ec. 116. Advanced Dietetics.** Continuation of Home Ec. 106. A study of food requirements in health and disease from infancy to old age. Animal experimentation.

*Prerequisite: Home Ec. 106. Fee \$1.00.* Open to men as well as women. Winter and summer quarters. Three credits. Two lectures and two laboratory periods a week. Mrs. Anderson.

**Home Ec. 118. Advanced Textiles.** A study of fabrics with the aim of developing good judgment in the buying and use of clothing and house furnishing materials. Two lectures and one laboratory period per week.

*Prerequisite: Home Ec. 18. Fee \$1.00.* Fall, spring, and summer quarters. Three credits. Miss Brodnax.

**Home Ec. 122. Clothing.** Two dresses, one involving the handling of cotton materials. Study of altering and placing patterns, and of styles suitable for different members of the class.

*Prerequisite: Home Ec. 18 and 20. Fee 50 cents.* Fall, spring, and summer quarters. Four credits. Miss Brodnax.

**Home Ec. 123. Art Needlework.** The simple decorative and embroidery stitches and four problems showing the application of the stitches.

Spring and summer quarters. Three credits. Miss Brodnax.

**Home Ec. 127. Historic Costume.** A study of period costume including adaptation suitable for plays and pageants.

Winter and summer quarters. Four credits. Miss Brodnax.



## INDUSTRIAL ARTS

MR. HUNGATE, *Department Head*

MR. DALES, *Major-Minor Adviser*

MR. HOCHTRITT, MR. LANE

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

All freshmen men are required to take Industrial Arts 8 as one of the general academic requirements.

Women preparing for primary grades should take Industrial Arts 6.

Women preparing for intermediate grades may take either Home Ec. 10 or Industrial Arts 7.

Women preparing for junior high grades should take either Home Ec. 10 or Industrial Arts 8.

Students electing either the teaching major or minor should elect Engineering Drawing during the first year.

Student Teaching in Industrial Arts may be a part of the regular Student Teaching.

Those desiring a general knowledge of Industrial Arts, but not preparing to teach in that field, may arrange a three-year or four-year non-teaching minor in Industrial Arts by consulting the Major-Minor Adviser.

### Three-Year Major

Ind. Arts 45	Engineering Drawing—	
	Freshmen .....	3 credits
Ind. Arts 46	Advanced Engineering Drawing—	
	Freshmen .....	2 credits
Ind. Arts 9	Furniture Design and Construction—	
	Sophomores, Juniors .....	5 credits
Ind. Arts 15	Woodfinishing and Woodturning—	
	Sophomores, Juniors .....	2 credits
Ind. Arts 21	Electrical Work—	
	Sophomores, Juniors .....	2 credits
Ind. Arts 80	Methods in Industrial Arts—	
	Sophomores, Juniors .....	3 credits

Ind. Arts 101 Mill Work—		
	Sophomores, Juniors .....	3 credits
Choice of 4 credits.....		4 credits
Ind. Arts 5 Carpentry—		
	Sophomores, Juniors..	2 credits
Ind. Arts 20 Radio Construction—		
	Sophomores, Juniors..	2 credits
Ind. Arts 22 Sheet Metal—		
	Sophomores, Juniors..	2 credits
Ind. Arts 30 Bench Metal Work—		
	Sophomores, Juniors..	2 credits
Ind. Arts 62 Concrete—		
	Sophomores, Juniors..	2 credits
Ind. Arts 161 Printing—		
	Sophomores, Juniors..	2 credits
		<hr/>
Total .....		24 credits

**Three-Year Minor**

Ind. Arts 9 Furniture Design and Construction—		
	Sophomores, Juniors .....	5 credits
Ind. Arts 15 Woodfinishing and Woodturning—		
	Sophomores, Juniors .....	2 credits
Ind. Arts 45 Engineering Drawing—		
	Sophomores, Juniors .....	3 credits
Ind. Arts 80 Methods in Industrial Arts—		
	Sophomores, Juniors .....	3 credits
Choice of one—Sophomores, Juniors .....		2 credits
Ind. Arts 21 Electrical Work		
Ind. Arts 22 Sheet Metal Work		
Ind. Arts 30 Bench Metal Work		
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Total .....		15 credits

**Four-Year Major**

Ind. Arts 45 Engineering Drawing—		
	Freshman .....	3 credits
Ind. Arts 46 Advanced Engineering Drawing—		
	Freshmen .....	2 credits
Ind. Arts 9 Furniture Design and Construction—		
	Sophomores, Juniors .....	5 credits
Ind. Arts 15 Woodfinishing and Woodturning—		
	Sophomores, Juniors .....	2 credits
Ind. Arts 21 Electrical Work—		
	Sophomores, Juniors .....	2 credits
Ind. Arts 80 Methods in Industrial Arts—		
	Sophomores, Juniors .....	3 credits



Ind. Arts 101 Mill Work—		
Sophomores, Juniors .....	3	credits
Choice of two.....	4	credits
Ind. Arts 5 Carpentry—		
Juniors .....	2	credits
Ind. Arts 20 Radio Construction—		
Juniors .....	2	credits
Ind. Arts 22 Sheet Metal—		
Juniors .....	2	credits
Ind. Arts 30 Bench Metal Work—		
Juniors .....	2	credits
Ind. Arts 62 Concrete—		
Juniors .....	2	credits
Ind. Arts 161 Printing—		
Juniors .....	2	credits
Ind. Arts 200 History of Industrial Arts—		
Seniors .....	2	credits
Ind. Arts 209 Advanced Furniture Construction—		
Seniors .....	4	credits
Ind. Arts 210 Seminar in Industrial Arts—		
Seniors .....	2	credits
Ind. Arts 220 Vocational Education—		
Seniors .....	2	credits
Ind. Arts 240 Advanced Furniture Design—		
Seniors .....	1	credit
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Total .....	35	credits

**Four-Year Minor**

Ind. Arts 9 Furniture Design and Construction—		
Sophomores, Juniors .....	5	credits
Ind. Arts 15 Woodfinishing and Woodturning—		
Sophomores, Juniors .....	2	credits
Ind. Arts 45 Engineering Drawing—		
Sophomores, Juniors .....	3	credits
Ind. Arts 80 Methods in Industrial Arts—		
Sophomores, Juniors .....	3	credits
Choice of one.....	2	credits
Ind. Arts 21 Electrical Work—		
Sophomores, Juniors		
Ind. Arts 22 Sheet Metal Work—		
Sophomores, Juniors		
Ind. Arts 30 Bench Metal Work—		
Sophomores, Juniors		
Ind. Arts 200 History of Industrial Arts—		
Seniors .....	2	credits
Ind. Arts 210 Seminar in Industrial Arts—		
Seniors .....	2	credits
		<hr/>
Total .....	19	credits

*Woodworking*

**Ind. Arts 5. Carpentry.** Simple framing, finishing and study of lumber in the construction of some small building or parts of buildings.

Fall quarter. Two credits. Mr. Dales.

**Ind. Arts 6. Introduction to Primary Industrial Arts.** Aims, participation, and practice in primary industrial arts.

Winter, spring and summer. Two credits. Mr. Dales.

**Ind. Arts 7. Introduction to Intermediate Industrial Arts.** Aims, participation, and practice in intermediate industrial arts.

Fall, spring, summer. Two credits. Mr. Dales.

**Ind. Arts 8. Introduction to Junior High Industrial Arts.** The aims of industrial arts in the junior high school. Unit shops and the general shop plan. Participation and practice in the several activities of the industrial arts program.

Fall, spring and summer quarters. Two credits. Mr. Lane.

**Ind. Arts 9. Furniture Design and Construction.** This course includes the designing and construction of a simple piece of furniture.

Winter and summer quarters. Five credits. Mr. Lane.

**Ind. Arts 11. Woodturning and Construction.** A course for women in woodturning and general woodworking.

Winter quarter. Two credits. Mr. Lane.

**Ind. Arts 15. Woodfinishing and Woodturning.** The time will be divided equally between woodfinishing and woodturning.

Fall and summer quarters. Two credits. Mr. Lane.

**Ind. Arts 101. Mill Work.** Care and adjustment of wood-working machinery. An analysis is made for each machine. Installation and maintenance of machines is studied and applied by demonstration and practice.

Fall quarter. Three credits. Mr. Lane.

**Ind. Arts 209. Advanced Furniture Construction.** An advanced course in cabinet making. Mortise and tenon, drawer, panel, and veneer construction; also turning, handsawing, shaping and inlaying may be used.

*Prerequisites: Courses 9, 15, 101 and 240.* Winter and summer quarters. Four credits. Mr. Lane.



*Drawing*

**Ind. Arts 45. Engineering Drawing.** Lettering, applied geometry, sketching, orthographic projection, pictorial representations, developments, intersections and dimensioning.

Fall and summer quarters. Three credits. Mr. Dales.

**Ind. Arts 46. Advanced Engineering Drawing.** Fastenings, detail and assembly drawings, gears, perspective, maps and topographical drawings, charts, graphs and diagrams, inking, tracing and blueprinting.

Winter and summer quarters. Two or three credits. Mr. Dales.

**Ind. Arts 240. Advanced Furniture Design.** A prerequisite to advanced furniture construction. A brief study of period furniture. Drawings and blue prints are made for a project to be constructed in advanced furniture construction.

Fall quarter. One credit. Mr. Lane.

*Metal*

**Ind. Arts 20. Radio Construction.** Theory of transmission and reception. Experimental work with crystal and vacuum tube detectors and amplifiers. Several radio receivers are constructed by each student from laboratory parts.

Spring quarter. Two credits. Mr. Lane.

**Ind. Arts 21. Electrical Work.** A study of the sources, principles and applications of electricity, including magnetism, heat, bell circuits, house wiring and simple motors. Particular attention is given to working a series of problems suitable for junior high school classes.

Winter quarter. Two credits. Mr. Lane.

**Ind. Arts 22. Sheet Metal.** This course is divided into two parts: Elementary hand work, and advanced machine work, with tin, galvanized and black iron.

Winter quarter. Two credits. Mr. Dales.

**Ind. Arts 30. Bench Metal Work.** An elementary course in metal working, including chipping, filing, drilling, light forging, tempering, case hardening, using taps and dies, etc. Useful tools and appliances are designed and constructed.

Spring quarter 1936. Two credits. Mr. Lane.

*Organization, Administration and Theory*

**Ind. Arts 80. Methods in Industrial Arts.** The principles of teaching are presented with special reference to Industrial Arts. The selection and organization of subject matter, equipment and supplies.

Spring and summer quarters. Three credits. Mr. Dales.

**Ind. Arts 200. History of Industrial Arts.** A study of the background and development of our present industrial art program.

Fall quarter. Two credits. Mr. Dales.

**Ind. Arts 210. Seminar in Industrial Education.** A fourth year course in which current industrial arts topics will be discussed.

Winter and summer quarters. Two credits. Mr. Dales.

**Ind. Arts 220. Vocational Education.** This course aims to acquaint the student with the objectives, problems, principles and practices of vocational training in the public schools.

Spring and summer quarters. Two credits. Mr. Lane.

*Other Courses*

**Ind. Arts 62. Concrete.** A course that can be used successfully with junior high classes. Class-room talks, sketching, drawing, building forms, mixing, placing, curing and testing.

Spring quarter. Two credits. Not offered 1934-35. Mr. Dales.

**Ind. Arts 64. Home Mechanics for Women.** Elementary work in wood, electricity, sheetmetal, plumbing and wood-finishing.

Winter quarter. Two credits. Mr. Dales.

**Ind. Arts 161. Printing.** Observation and practice in the print shop, working toward forming proper habits.

Spring and summer quarters. Two credits. Mr. Hochtritt.



## LIBRARY SCIENCE

MR. BLAIR, *Librarian*

MISS BARTON, MRS. HAAS

**Lib. Sci. 1. Library Techniques.** The use of the school library; methods of organizing and conducting small school libraries; classification of books, cataloging, the dictionary catalog, reference books, and school libraries.

All quarters. No credit. Miss Barton.

**Lib. Sci. 10. Library Administration.** Designed to teach the administration of library for the elementary and junior high school. Classification, cataloging, mending, binding, and reference work.

Winter and summer quarters. Two credits. Mr. Blair.

**Lib. Sci. 101. The Children's Library.** Consideration of such topics as: The authors and illustrators of children's books, the physical make-up of children's books, types of children's literature, the selection of books for children's libraries, literature suitable for children according to age, children's magazines, reference books, visual material, care and cataloging of books, ways of developing the child's interest in different types of books, the introduction of new books.

*Prerequisite: Library Science 1, Training Schools 104, 105, or 106, and the consent of the instructor.* All quarters. Three credits. Mrs. Haas.





Four-Year Minor

Math. 104 College Algebra .....	5 credits
Math. 105 Trigonometry .....	5 credits
Math. 106 Analytical Geometry .....	5 credits
Math. 102 Mathematics of Business.....	3 credits
Math. 103 Junior High School Mathematics.....	2 credits
	20 credits
Total .....	20 credits

**Math. 1. Arithmetic.** The objectives of this course are three-fold: first, to emphasize the subject from the point of view of teaching; second, to assist the student individually in thrift, investments, etc.; and third, to consider the methods involved.

All quarters. Four credits. Mr. Buchanan, Mr. Shinkle, Mr. Haeseler.

**Math. 3. Solid Geometry.**

*Prerequisite:* A year's work each in plane geometry and algebra. Winter quarter. Five credits. Dr. Botsford.

**Math. 4. Advanced Algebra.** This course is given for those students who have not had three semesters of algebra in high school.

Fall quarter. Five credits. Mr. Buchanan, Dr. Botsford.

**Math. 102. Mathematics of Business.** Interest and annuities; sinking funds, bonds, investments; capitalization, amortization.

Spring and summer quarters. Three credits. Mr. Buchanan.

**Math. 103. Junior High School Mathematics.** A study of the subject matter of junior high school texts in mathematics.

Spring and summer quarters. Two credits. Mr. Buchanan.

**Math. 104. College Algebra.**

*Prerequisite:* Mathematics  $\frac{1}{4}$  or one and one-half years of high school algebra. Fall and summer quarters. Five credits. Mr. Buchanan.

**Math. 105. Trigonometry.** Trigonometric functions and the solution of the triangle.

Winter and summer quarters. Five credits. Mr. Buchanan.

**Math. 106. Analytical Geometry.** Graphic solutions of equations.

Spring and summer quarters. Five credits. Mr. Buchanan.

**Math. 110, 111, 112. Calculus.** Differential and integral calculus.

Fall, winter and spring quarters. Five credits a quarter. Dr. Botsford.

## MODERN LANGUAGES

DR. TIEJE, *Department Head and Major-Minor Adviser*

MISS DICKINSON, MRS. BROWN

No credit is given for less than three quarters of work in a foreign language. Students who have not had foreign language in high school, and who plan to apply their Normal School credits to college graduation, should make certain of the college requirements in language before planning their Normal School courses. The two years of work here satisfies the University of Washington requirement.

### *French*

**Fr. 1, 2, 3. First Year French.** Grammar, composition, reading of simple tests.

*Students must begin work in the fall quarter and continue it throughout the year.* Fall, winter, spring quarters. Four credits a quarter. Miss Dickinson.

**Fr. 4, 5, 6. Second Year French.** Further study of syntax, composition, rapid reading of tests.

*The course must be begun in the fall quarter and continued throughout the year. Prerequisite: Three quarters or two semesters of French.* Fall, winter, spring quarters. Three credits a quarter. Miss Dickinson.

### *German*

**Ger. 1, 2, 3. First Year German.** Grammar, composition, reading of simple tests.

*Students must begin work in the fall quarter and continue it throughout the year.* Fall, winter, spring quarters. Four credits a quarter. Mrs. Brown.

**Ger. 4, 5, 6. Second Year German.** A rapid review of syntax, reading of magazines, newspapers, and tests.

*To be taken consecutively beginning with the fall quarter.* Fall, winter, spring quarters. Three credits a quarter. Mrs. Brown.



## MUSIC

MR. ROWLES, *Department Head and Major-Minor Adviser*

MR. DAYTON, MRS. DAYTON, MISS GOODSSELL, MISS LAWTON

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major

Choice of:	3 credits
Mus. 2 Primary Music Methods.	
Mus. 3 Intermediate Music Methods.	
Mus. 4 Sight Singing and Ear Training.....	3 credits
Mus. 5 Music Appreciation .....	2 credits
Choice of:	3 credits
Mus. 6 History of Music I.	
Mus. 106 History of Music II.	
Mus. 8 Harmony I .....	2 credits
Mus. 102 Junior High School Music.....	2 credits
Mus. 107 Music Supervision .....	3 credits
Mus. 18 Voice .....	3 credits
Choice of:	3 credits
Mus. 16 Piano.	
Mus. 17 Stringed Instruments.	
Mus. 19 Organ.	
Additional individual instruction or ensemble.....	3 credits
Total.....	<hr/> 27 credits

### Three-Year Minor

Choice of:	3 credits
Mus. 2 Primary Music Methods	
Mus. 3 Intermediate Music Methods	
Mus. 4 Sight Singing and Ear Training.....	2 credits
Mus. 5 Music Appreciation .....	3 credits
Mus. 6 History of Music I.....	3 credits
Mus. 8 Harmony I .....	2 credits
Mus. 18 Voice .....	1 credit
Individual instruction or ensemble.....	2 credits
(Not more than one credit in ensemble)	
Total.....	<hr/> 16 credits

### Four-Year Major

Mus. 2 Primary Music Methods.....	3 credits
Mus. 3 Intermediate Music Methods.....	3 credits
Mus. 4 Sight Singing and Ear Training.....	3 credits
Mus. 5 Music Appreciation .....	2 credits

Choice of:		3 credits
Mus. 6 History of Music I		
Mus. 106 History of Music II		
Mus. 8 Harmony I .....	2 credits	
Mus. 102 Junior High School Music.....	2 credits	
Mus. 107 Music Supervision .....	3 credits	
Mus. 18 Voice .....	3 credits	
Mus. 108 Harmony II .....	2 credits	
Mus. 120 Arranging and Conducting.....	2 credits	
Individual Instrumental Instruction.....	3 credits	
Additional individual instruction, Instrumental or Voice.	2 credits	
Ensemble or additional individual instruction.....	4 credits	
		<hr/>
Total.....		37 credits

#### Four-Year Minor

Choice of:		3 credits
Mus. 2 Primary Music Methods		
Mus. 3 Intermediate Music Methods		
Mus. 4 Sight Singing and Ear Training.....	3 credits	
Mus. 5 Music Appreciation .....	2 credits	
Mus. 6 History of Music I.....	3 credits	
Mus. 8 Harmony I .....	2 credits	
Mus. 102 Junior High School Music.....	2 credits	
Mus. 107 Music Supervision .....	3 credits	
Mus. 108 Harmony II .....	2 credits	
Mus. 18 Voice .....	2 credits	
Individual instruction or ensemble.....	2 credits	
(Not more than one credit in ensemble)		
		<hr/>
Total.....		24 credits

#### Theory and Methods

**Mus. 1. Music Fundamentals.** The structural elements of music. Study of keys and scales in major and minor modes. Rhythm. Sight-reading of simple unison and part-songs. Survey of school music activities. Importance of music in the curriculum. One period out of the four is devoted to the survey of school music.

*Note:* Music tests are given the first week of each quarter. Those in the upper twenty per cent are excused from the three periods devoted to music theory. All are required to complete the one period devoted to the survey of school music.

All quarters. Four credits. Miss Lawton.



**Mus. 2. Primary Music Methods.** Methods and procedure in teaching music in the primary grades.

*Prerequisite: Music 1.* All quarters. Four credits. Miss Goodsell.

**Mus. 3. Intermediate Music Methods.** Methods and procedure in teaching music in the fourth, fifth, and sixth grades. The problems of the primary grades are reviewed.

*Prerequisite: Music 1.* All quarters. Three credits. Mr. Rowles.

**Mus. 4. Sight Singing and Ear Training.** Two periods a week are devoted to the singing of one- and two-part songs with varied rhythms and chromatic changes in both major and minor modes. Three periods are occupied with Melodic dictation in major and minor keys involving varied rhythmic problems. Simple two-part songs are written from dictation.

*Prerequisite: Music 1.* Winter and summer quarters. Three credits. Mr. Rowles.

**Mus. 5. Music Appreciation.** The fundamental elements of music and their manifestation in vocal and instrumental music from early times to present. Important themes from the works of the great composers are studied and memorized.

All quarters. Two credits. Miss Lawton.

**Mus. 6. History of Music I.** The development of music from primitive times to the beginning of the nineteenth century. Phonograph records illustrating different periods of musical development are utilized.

*Prerequisite: Music 5.* Fall and spring quarters. Three credits. Miss Lawton.

**Mus. 8. Harmony I.** The harmonization of melodies and basses in major and minor using the principal triads. Intervals. Inversions of the principal triads. Chords of the dominant-seventh.

*Prerequisite: Music 1.* All quarters. Two credits. Mr. Dayton.

**Mus. 9. Student Teaching in Music.** Under the direction of the Supervisor of Music in the Training School.

All quarters. Credits to be arranged. Miss Goodsell.

**Mus. 102. Junior High School Music.** A survey of music materials and the psychological aspects of teaching music in the seventh, eighth and ninth grades.

Spring and summer quarters. Two credits. Miss Goodsell, Mr. Rowles.

**Mus. 106. History of Music II.** Survey of music in the 19th and 20th centuries. Important composers. Modern developments in music.

*Prerequisite: Music 5.* Winter and summer quarters. Three credits. Miss Lawton.

**Mus. 107. Music Supervision.** The supervisor's problems. Different plans for supervision. Comparative methods and materials.

*Prerequisite: Music 2 or 3.* Spring and summer quarters. Three credits. Miss Goodsell.

**Mus. 108. Harmony II.** Inversions of the dominant-seventh chord. Secondary triads and seventh chords. Modulation.

*Prerequisite: Music 8.* Winter, spring and summer quarters. Two credits. Mr. Dayton.

**Mus. 120. Arranging and Conducting.** Theory and technique of conducting. Study of instrumentation for orchestra. Arranging of simple compositions for string and wind instruments and full orchestra.

*Prerequisite: Music 8.* Fall and summer quarters. Two credits. Mr. Rowles.

**Mus. 123. Violin Methods.** Principles of violin playing as applied to teaching. Examination of modern materials and methods. Course open to violin students having reasonable proficiency as performers. To be arranged with the violin instructor.

Summer quarter, unless specially arranged. One credit. Miss Lawton.

**Mus. 208. Harmony and Composition.** Extended work in modulation. Secondary seventh chords and their inversions. Original composition in two- and three-part song forms.

*Prerequisite: Music 108.* Spring and summer quarters. Two credits. Mr. Dayton.

**Mus. 211. Orchestra and Band Methods.** Organization and development of instrumental work in the schools. Practical



methods exemplified. Members of the class who play instruments are rehearsed as a group for demonstration purposes.

Summer quarter. Two credits. Mr. Rowles.

**Mus. 212. Music for Public Performance.** Principles of good vocal production and interpretation. A survey of concert and operetta materials for intermediate and upper grades. Problems of organization, rehearsals, and staging.

Summer quarter. Two credits. Mr. Rowles.

**Mus. 213. Form and Analysis.** Drill in chord analysis. A study of simple and compound primary forms. Review of the works of representative composers.

Summer quarter. Two credits. Mr. Rowles.

*Ensemble Music*

**Mus. 10. Chorus (or Madrigal or Operetta).** Mixed voices. Preparation of accompanied choral numbers for concert performance. Operetta produced during the winter quarter. Two one-hour rehearsals per week.

One credit. Mr. Rowles.

**Mus. 11. Girls' Glee Club.** Music for women's voices. Two one-hour rehearsals per week.

One credit. Miss Goodsell.

**Mus. 13. A Cappella Choir.** Unaccompanied singing for mixed voices. Five one-hour rehearsals per week.

Two credits. Mr. Rowles.

**Mus. 14. Orchestra.** Playing of standard orchestral overtures, suites, symphonies and miscellaneous selections. Two one-hour rehearsals per week.

All quarters. One credit. Mr. Rowles.

**Mus. 15. Chamber Music.** Study of compositions written for different combinations of stringed and wind instruments. By special arrangement with the violin instructor.

All quarters. One credit. Miss Lawton.

*Applied Music*

**Mus. 16. Piano.** Thorough technical training. Development of tone, style and interpretation. Study of the best literature for piano. Mr. Dayton.

**Mus. 17. Stringed Instruments.** (a) Violin; (b) Viola; (c) Violoncello; (d) Doublebass. Correct position, facility of

execution and ease in handling the instrument. Technical studies and concert literature, with special care given to intonation and interpretation. Miss Lawton.

**Mus. 18. Voice.** Breath control, tone production, and general vocal technique. Song repertoire and interpretation. Mrs. Dayton.

**Mus. 19. Organ.** Pedal Technique and Manual Touch. Principles of registration. Playing of studies, hymns, and recital pieces. Organ literature from classic and modern sources. Mr. Rowles.

**Fees and Credits for One Quarter of Applied Music**

One half-hour lesson a week.....	1 credit	\$15.00
Two half-hour lessons a week.....	2 credits	30.00
Practice pianos rented for one hour daily.....		3.00
Practice pianos rented for two hours daily.....		5.00
Pipe-organ practice, an hour.....		.20



## PHYSICAL EDUCATION AND HEALTH FOR MEN

MR. WOODWARD, *Department Head and Major-Minor Adviser*

MISS DAVIDSON, MISS DUSTIN, MISS PORTER, MR. REESE

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major

P. E.	117	Football Coaching .....	Freshmen	2 credits
P. E.	119	Track Coaching .....	Freshmen	2 credits
Soc. Sci.	61	General Sociology .....	Sophomores	5 credits
P. E.	126	Playground Organization .....	Sophomores	2 credits
P. E.	118	Basketball Coaching .....	Sophomores	2 credits
P. E.	103	School Hygiene .....	Juniors	1 credit
P. E.	114	Physical Education Methods....	Juniors	3 credits
P. E.	122	First Aid and Athletic Injuries..	Juniors	2 credits
P. E.	124	Organization and Administration of Physical Education.....	Juniors	4 credits
P. E.	127	Student Teaching in P. E.....	Juniors	1 credit
P. E.	5a	Clogging .....	Juniors	½ credit
Total.....				24½ credits

### Three-Year Minor

P. E.	114	Physical Education Methods.....	3 credits	
P. E.	122	First Aid and Athletic Injuries.....	2 credits	
P. E.	124	Organization and Administration of P. E...	4 credits	
P. E.	126	Playground Organization .....	2 credits	
		One Coaching Course.....	2 credits	
Total.....				13 credits

### Four-Year Major

P. E.	117	Football Coaching .....	Freshmen	2 credits
P. E.	119	Track Coaching .....	Freshmen	2 credits
Soc. Sci.	61	General Sociology .....	Sophomores	5 credits
Chem.	101	General Chemistry .....	Sophomores	5 credits
P. E.	126	Playground Organization .....	Sophomores	2 credits
P. E.	118	Basketball Coaching .....	Sophomores	2 credits
P. E.	114	Physical Education Methods....	Juniors	3 credits
P. E.	125	Physiology .....	Juniors	5 credits
P. E.	5b	Clogging .....	Juniors	½ credit
P. E.	122	First Aid and Athletic Injuries..	Seniors	2 credits

P. E.	124	Organization and Administration of Physical Education.....	Seniors	4 credits
P. E.	123	Baseball Coaching .....	Seniors	2 credits
P. E.	103	School Hygiene .....	Seniors	1 credit
P. E.	127	Student Teaching in P. E.....	Seniors	1 credit
Total.....				36½ credits

**Four-Year Minor**

P. E.	114	Physical Education Methods.....		3 credit
P. E.	122	First Aid and Athletic Injuries.....		2 credits
P. E.	124	Organization and Administration of P. E....		4 credits
P. E.	126	Playground Organization .....		2 credits
		Four Coaching Courses.....		8 credits
P. E.	127	Student Teaching in P. E.....		1 credit
P. E.	103	School Hygiene .....		1 credit
Total.....				21 credits

**P. E. 1. Health Education.** Personal and general hygiene, physiology, sanitation, school hygiene and medical inspection. All quarters. Three credits. Miss Davidson.

**P. E. 13. Physical Education Activities.** All students are required to take three years of work in activities.

All quarters. One-half credit per quarter. Staff.

An activity may be selected from the following:

- Basketball
- Baseball
- Boxing
- Boy Scout Leadership (see Biology 20)
- Clogging
- Football
- Games
- Golf
- Kitten Ball
- Life Saving
- Playground Ball
- Soccer
- Swimming
- Touch Football
- Tennis
- Track
- Wrestling

*Note: One-quarter must be in swimming.*



**P. E. 15. Swimming.** Methods of teaching beginners, instruction in the different strokes, and methods of rescuing and resuscitation.

All quarters. One-half credit. Mr. Woodward, Mr. Reese.

**P. E. 16. Corrective Work.** Classes and individual work, arranged according to needs.

All quarters. No credit. Mr. Woodward.

**P. E. 102. Personal Hygiene.** The study of such topics as health ideals, values and attitudes; the biological basis of life; the nervous system; physical health of the individual.

*Prerequisite: P. E. 1.* All quarters. Two credits. Miss Davidson.

**P. E. 103. School Hygiene.** Consideration of such topics as responsibilities of the home, school, and child in the prevention and control of disease; the common infections and contagious diseases; tuberculosis; the teaching of hygiene; health programs.

All quarters. One credit. Miss Davidson.

**P. E. 114. Method Course.** Methods and Education Value of system of Physical Education adapted to primary, intermediate and junior high school.

All quarters. Three credits. Mr. Woodward.

**P. E. 117. Football Coaching.** The theory and practice of football fundamentals: punting, drop-kicking, place-kicking, kick-off, passing, tackling, catching punts, blocking, interference; offensive and defensive styles of play, duties of each player on offense and defense, teamwork, generalship and strategy, plays and signals; conditioning of players; and rules.

Fall quarter. Two credits. Mr. Reese.

**P. E. 118, Basketball Coaching.** Instruction in goal-throwing, passing, dribbling, pivoting, individual and team play, and the different styles of plays and rules.

Winter quarter. Two credits. Mr. Reese.

**P. E. 119. Track Coaching.** Sprinting, distance-running, high and low hurdles, high and broad jump, pole vault, shot-putting, discus and javelin-throwing; rules, management of meets, the diet and conditioning of men.

Spring and summer quarters. Two credits. Mr. Reese.

**P. E. 120. General Coaching Course.** Football and basketball.

Summer quarter. Two credits. Mr. Reese.

**P. E. 122. First Aid and Athletic Injuries.** This course includes practice in the use of various kinds of bandages, dressings, antiseptics, disinfectants, etc. It aims to give teachers knowledge and practical skill in rendering aid and treatment in case of emergencies.

All quarters. Two credits. Mr. Reese.

**P. E. 123. Baseball Coaching.** This course includes instruction in pitching and pitching strategy; batting and baserunning; the correct methods of fielding each position; team play, field work, and rules.

Spring and summer quarters. Two credits. Mr. Woodward.

**P. E. 124. Organization and Administration of Physical Education.** Administration problems in physical education including intramural athletics, class work, interschool athletics, programs of sports, methods of organizing competition, management of meets, and similar problems.

*Prerequisite: Physical Education 114.* All quarters. Four credits. Mr. Woodward.

**P. E. 125. Physiology.** A study of cellular elements and tissues followed by thorough consideration of the digestive, respiratory, circulatory, and nervous systems. Special emphasis on metabolism, internal and external secretions, and excretions.

*Prerequisite: Physical Education 1.* All quarters. Five credits. Miss Davidson.

**P. E. 126. Playground Organization.** Organization, equipment, management and supervision of playgrounds; instruction in games and other activities.

*Prerequisite: Physical Education 9, 10, or 11.* Spring and summer quarters. Two credits. Mr. Woodward.

**P. E. 127. Student Teaching in Physical Education.** This is taken in addition to the regular Student Teaching.

All quarters. One credit. Staff.



## PHYSICAL EDUCATION AND HEALTH FOR WOMEN

MR. WOODWARD, *Department Head and Major-Minor Adviser*  
MISS DAVIDSON, MISS DUSTIN, MISS PORTER

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major

P. E.	9	Primary Physical Education Methods .....	Freshman	3 credits
P. E.	10	Intermediate Physical Educa- tion Methods .....	Sophomores	3 credits
Soc. Sci.	61	General Sociology .....	Sophomores	5 credits
P. E.	126	Playground Organization .....	Sophomores	2 credits
P. E.	11	Junior High School Physical Education Methods .....	Juniors	3 credits
P. E.	103	School Hygiene .....	Juniors	1 credit
P. E.	121	First Aid and Nursing.....	Juniors	2 credits
P. E.	124	Organization and Administration of Physical Education.....	Juniors	4 credits
P. E.	5a	Folk Dancing .....	Juniors	1 credit
P. E.	127	Student Teaching in Physical Education .....	Juniors	1 credit
Total.....				25 credits

### Three-Year Minor

P. E.	121	First Aid and Nursing.....		2 credits
P. E.	124	Organization and Administration of Physi- cal Education .....		4 credits
P. E.	126	Playground Organization .....		2 credits
P. E.	8	One course in Physical Education Methods..		3 credits
P. E.	8	Basketball Coaching .....		1 credit
Total.....				12 credits

### Four-Year Major

P. E.	9	Primary Physical Education Methods .....	Freshmen	3 credits
P. E.	10	Intermediate Physical Education Methods .....	Sophomores	3 credits
Chem.	101	General Chemistry .....	Sophomores	5 credits
Soc. Sci.	61	General Sociology .....	Sophomores	5 credits
P. E.	126	Playground Organization .....	Sophomores	2 credits
P. E.	11	Junior High School Physical Education Methods .....	Juniors	3 credits

P. E.	125	Physiology .....	Juniors	5 credits
P. E.	121	First Aid and Nursing.....	Seniors	2 credits
P. E.	124	Organization and Administration of Physical Education.....	Seniors	4 credits
P. E.	8	Basketball Coaching .....	Sophomores	1 credit
P. E.	5a	Folk Dancing .....	Juniors	1 credit
P. E.	103	School Hygiene .....	Seniors	1 credit
P. E.	127	Student Teaching in Physical Education .....	Seniors	1 credit
Total.....				36 credits

**Four-Year Minor**

P. E.	103	School Hygiene .....	1 credit	
P. E.	121	First Aid and Nursing.....	2 credits	
P. E.	124	Organization and Administration of Physical Education .....	4 credits	
P. E.	126	Playground Organization .....	2 credits	
		Three (3) courses in Physical Education Methods .....	9 credits	
P. E.	127	Student Teaching in Physical Education....	1 credit	
P. E.	5a	Folk Dancing .....	1 credit	
Total.....				20 credits

**P. E. 1. Health Education.** Personal and general hygiene, physiology, sanitation, school hygiene and medical inspection. All quarters. Three credits. Miss Davidson.

**P. E. 4. Physical Education Activities.** All students are required to take three years of work in activities. All quarters. One-half credit a quarter. Staff.

An activity may be selected from the following:

Basketball  
Clogging  
Golf  
Hockey  
Volleyball  
Life Saving  
Playground Ball  
Simple folk dances and games  
Soccer  
Swimming  
Tennis  
Track

*Note: One quarter must be in swimming.*



Hiking may be elected as a non-credit activity for Yep Kanum or "W" points.

**P. E. 5a. Folk Dancing.**

Spring, summer quarters. One credit. Miss Dustin, Miss Porter.

**P. E. 5b. Clogging.**

Winter, spring and summer quarters. One-half credit. Miss Dustin.

**P. E. 5c. Natural Dancing.** Dancing as based upon the technique of natural movements. Opportunity for music interpretation. Special costume required.

Fall, winter and summer quarters. One credit. Miss Dustin, Miss Porter.

**P. E. 6. Beginning Swimming.** The fundamental strokes for beginner.

All quarters. One-half credit. Miss Porter.

**P. E. 7. Intermediate and Advanced Swimming.** Instruction in swimming and diving.

*Prerequisite: Ability to swim side, breast, and back stroke, and to execute front dive in good form.* All quarters. One-half credit. Miss Porter.

**P. E. 7a. Life Saving.**

Fall, spring and summer quarters. One-half credit. Miss Porter.

**P. E. 8. Basketball Coaching.** Fundamentals of coaching, refereeing, and interpretation of rules. Instruction and suggestion for the improvement of the biological, mental, social, and moral benefits of team games.

*Prerequisite: Second-year standing.* Winter quarter. One credit. Miss Dustin.

**P. E. 9. Primary Methods.** Dramatic and singing games. Rhythms and simple folk dances. Relaxation activities. Story plays.

Fall and summer quarters. Three credits. Miss Dustin.

**P. E. 10. Intermediate Methods.** Games, folk dances, and schoolroom activities.

Winter and summer quarters. Three credits. Miss Dustin.

**P. E. 11. Junior High School Methods.** Organized games, folk dances and posture exercises.

Spring and summer quarters. Three credits. Miss Dustin.

**P. E. 12. Corrective Work.** Classes and individual work, arranged according to needs.

All quarters. No credit. Staff.

**P. E. 102. Personal Hygiene.** The study of such topics as health ideals, values and attitudes; the biological basis of life; the nervous system; physical factors in normal mental life; the place of sex in the mental and physical health of the individual.

*Prerequisite:* P. E. 1. All quarters. Two credits. Miss Davidson.

**P. E. 103. School Hygiene.** Consideration of such topics as responsibilities of the home, school, and child in the prevention and control of disease; the common infections and contagious diseases; tuberculosis; the teaching of hygiene; health programs.

All quarters. One credit. Miss Davidson.

**P. E. 121. First Aid and Nursing.** First aid for schoolroom and playground injuries. Nursing as an aid to the teacher in schoolroom and health problems.

All quarters. Two credits. Miss Craney.

**P. E. 123. Baseball Coaching.** Pitching and pitching strategy; batting and baserunning; the correct methods of fielding each position; team play, field work, and rules.

Spring and summer quarters. Two credits. Mr. Woodward.

**P. E. 124. Organization and Administration of Physical Education.** A study of administration problems in physical education, including intramural athletics, class work, interschool athletics, programs of sports, methods of organizing competition, management of meets and similar problems.

*Prerequisite:* Physical Education 9, 10, or 11. All quarters. Four credits. Mr. Woodward.

**P. E. 125. Physiology.** A study of cellular elements and tissues followed by thorough consideration of the digestive, respiratory, circulatory, and nervous systems. Special empha-



sis on metabolism, internal and external secretions, and excretions.

*Prerequisite: Physical Education 1.* All quarters. Five credits. Miss Davidson.

**P. E. 126. Playground Organization.** Organization, equipment, management and supervision of playgrounds; instruction in games and other activities.

*Prerequisite: Physical Education 9, 10, or 11.* Spring and summer quarters. Two credits. Mr. Woodward.

**P. E. 127. Student Teaching in Physical Education.** This is taken in addition to the regular Practice Teaching.

All quarters. One credit. Staff.

## PHYSICAL SCIENCES

MR. BUCHANAN, *Department Head and Major-Minor Adviser*

DR. BOTSFORD, MR. TALLYN

Students who expect to teach science should elect General Science 104.

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major in Physical Sciences

Chem. 101	General Chemistry .....	Freshmen	4-5 credits
Chem. 102	General Chemistry .....	Freshmen	4-5 credits
Chem. 103	General Chemistry .....	Freshmen	4-5 credits
Phys. 101	General Physics .....	Sophomores	4-5 credits
Phys. 102	General Physics .....	Sophomores	4-5 credits
Phys. 103	General Physics .....	Sophomores	4-5 credits
Total.....			24-30 credits

### Three-Year Minor in Physical Sciences

Choice of:

Chem. 101, 102, 103	General Chemistry .....	} 12-15 credits
Phys. 101, 102, 103	General Physics .....	

### Three-Year Major in Chemistry

Twenty-four credits in Chemistry

### Three-Year Minor in Chemistry

Chem. 101, 102, 103	General Chemistry .....	12-15 credits
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### Four-Year Major in Physical Sciences

Chem. 101	General Chemistry .....	Freshmen	4-5 credits
Chem. 102	General Chemistry .....	Freshmen	4-5 credits
Chem. 103	General Chemistry .....	Freshmen	4-5 credits
Phys. 101	General Physics .....	Sophomores	4-5 credits
Phys. 102	General Physics .....	Sophomores	4-5 credits
Phys. 103	General Physics .....	Sophomores	4-5 credits
Choice of .....			11 credits
Phys. 104	General Science .....		3 credits
Chem. 105	Qualitative Analysis .....		4 credits
Chem. 106	Qualitative Analysis .....		4 credits
Chem. 110	Quantitative Analysis .....		5 credits
Chem. 111	Quantitative Analysis .....		5 credits
Chem. 107	Organic Chemistry .....		5 credits
Chem. 108	Organic Chemistry .....		5 credits

Total..... 35 credits



**Four-Year Minor in Physical Sciences**

Choice of 20 credits:

In Chemistry

From General Chemistry and General Physics

**Four-Year Major in Chemistry**

Thirty-five credits in Chemistry

**Four-Year Minor in Chemistry**

Twenty credits in Chemistry

*Chemistry*

**Chem. 4. Household Chemistry.** A course for students of home economics. Lectures, assigned readings, demonstrations, quizzes. Emphasis is placed upon the relation between Chemistry and everyday life in the home.

Winter quarter. Three credits. Mr. Tallyn.

**Chem. 5. Introduction to Chemistry.** A non-technical course designed to acquaint the student with the essentials of chemistry and to give a broad survey of the contributions of chemistry to civilization, with illustrations of its importance in modern industry and everyday life.

*Especially desirable for those who are planning to take General Chemistry, but have not had chemistry in high school.* Fall and summer quarters. Three credits. Mr. Tallyn.

**Chem. 101, 102, 103. General Chemistry.** The principles of chemistry and the properties of the elements and their more important compounds, with emphasis on the application of chemistry to industry and everyday life.

*These courses run in sequence and should be begun in the fall quarter. Three class periods and two double laboratory periods a week.* Fall, winter, and spring quarters. Four or five credits a quarter. Mr. Tallyn.

**Chem. 105, 106. Qualitative Analysis.** Review and extension of chemical principles, applicable to analysis; the systematic detection of metals and acid groups leading to the identification of simple inorganic substances.

*These courses run in sequence and should be begun in the fall quarter. Two class periods and three double laboratory periods a week. Prerequisites: Chem. 101, 102, 103.* Winter and spring quarters. Four credits a quarter. Mr. Tallyn.

**Chem. 107, 108. Organic Chemistry.** An introduction to the chemistry of the carbon compounds, including the principles of organic chemistry and methods of preparation and properties of the typical and more important organic compounds, with special attention to those of importance in industry and everyday life.

*These courses run in sequence and should be begun in the fall quarter. Three class periods and two triple laboratory periods a week. Prerequisites: Chem. 101, 102, 103. Five credits a quarter. Mr. Tallyn.*

**Chem. 110, 111. Quantitative Analysis.** Gravimetric and volumetric analysis; stoichiometrical relations.

*These courses run in sequence and should be begun in the fall quarter. One class period and four double laboratory periods a week. Prerequisites: Chem. 101, 102, 103. Five credits a quarter. Mr. Tallyn.*

**Chem. 109. Visual Education.**

Three credits. Miss Lang.

### Physics

**Phys. 3. Introduction to the Physical Sciences.** A foundation course giving an introduction by way of chemistry and physics to the material basis of modern civilization.

All quarters. Three credits. Dr. Botsford.

**Phys. 101, 102, 103. General Physics.** The laws of force and motion, properties of matter, nature and transformations of energy and the fundamental physical phenomena of the universe with illustrations and application of the principles to familiar things.

*These courses run in sequence and should be begun in the fall quarter. Three class periods and two double laboratory periods a week. Fall, winter and spring quarters. Five credits a quarter. Dr. Botsford.*

**Phys. 104. General Science.** A course in general science especially from the teaching and methods viewpoint.

*Prerequisites: General Physics, or its equivalent, and some previous work in Chemistry. Winter and summer quarters. Three credits. Dr. Botsford.*



## PSYCHOLOGY

DR. WILLIAMSON, *Department Head and Minor Adviser*

DR. BARBER, MR. HAWK, MR. SHINKLE, DEAN WALLACE

### Professional Requirements in Psychology

All students qualifying for a teaching credential will complete the seven credits of professional work here indicated or their equivalent.

Psych. 16	Educational Psychology .....	Sophomores	3 credits
Psych. 105	Psychology of Childhood and Adolescence .....	Juniors	4 credits
Total.....			7 credits

The suggested outlines for minors given below may be changed with the advice and consent of the Minor Adviser. Such changes should be approved in writing by the Minor Adviser.

### Three-Year Minor

Choice of 12 credits:

Psych. 130	Psychology of Exceptional Children....	4 credits
Psych. 136	Social Psychology .....	4 credits
Psych. 137	Psychology of Mental Health.....	5 credits
Psych. 138	Applied Psychology .....	3 credits
Ed. 149	Advanced Educational Measurement....	3 credits

**Psych. 1. General Psychology.** This course presents the subject matter of the science of psychology, its concepts, theories, and methods.

All quarters. Five credits. Mr. Shinkle, Dean Wallace.

**Psych. 16. Educational Psychology.** An intensive study of the principles of learning as applied to various school subjects and psychological adjustments of the school child.

*Prerequisites: Psych. 1.* All quarters. Three credits. Dr. Barber.

**Psych. 105. Psychology of Childhood and Adolescence.** A study of the development of human beings from infancy to maturity. Emphasis is given to the influence of home, school, and other environments upon the habit formation of the individual.

*Prerequisites: Psych. 1 and junior or senior standing.* All quarters. Four credits. Dr. Barber, Mr. Hawk.

**Psych. 130. Psychology of Exceptional Children.** The psychology and treatment of children who do not respond readily to the usual methods of instruction are studied from the point of view of the teacher. Among those considered are the gifted, the delinquent, the left-handed, the psychopath, and the physically and mentally handicapped.

*Prerequisites: Psych. 1 and junior or senior standing.* Spring and summer quarters. Four credits. Dean Wallace.

**Psych. 136. Social Psychology.** A study of human conduct as influenced by group relationships. An analysis of fundamental concepts such as custom, suggestion, sympathy, emotion, cooperation and conflict. Consideration of personality, individuality, and leadership in their relation to social progress.

*Prerequisites: Psych. 1 and junior or senior standing.* Winter and summer quarters. Four credits. Dr. Barber.

**Psych. 137. Psychology of Mental Health.** A study of the disordered personality. Emphasis on its nature, origin, treatment, and prevention.

*Prerequisites: Psych. 1 and junior or senior standing.* Winter quarter. Five credits. Dean Wallace.

**Psych. 138. Applied Psychology.** A study of the applications of scientific psychology in business, in the professions, and in relation to personal efficiency.

*Prerequisites: Psych. 1 and junior or senior standing.* Fall and summer quarters. Three credits. Staff.



**SOCIAL SCIENCE**

MR. KINGSTON, *Department Head and Major-Minor Adviser*

MR. HAESELER, DEAN NELSON, MR. TYLER

The suggested outlines for majors and minors given below may be changed with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

**Three-Year Major**

Soc. Sci. 61	General Sociology .....	5 credits
Soc. Sci. 62	Outlines of Economics.....	5 credits
Soc. Sci. 67	Introduction to Political Science.....	5 credits
Soc. Sci. 110	American Government .....	5 credits
Soc. Sci. 108	Economic History of the U. S.....	5 credits
Total.....		25 credits

**Three-Year Minor**

Soc. Sci. 61	General Sociology .....	5 credits
Soc. Sci. 62	Outlines of Economics.....	5 credits
Soc. Sci. 67	Introduction to Political Science.....	5 credits
Total.....		15 credits

**Four-Year Major**

Soc. Sci. 61	General Sociology .....	5 credits
Soc. Sci. 62	Outlines of Economics.....	5 credits
Soc. Sci. 67	Introduction to Political Science.....	5 credits
Soc. Sci. 110	American Government .....	5 credits
Soc. Sci. 108	Economic History of the U. S.....	5 credits
Soc. Sci. 121	Social Origins .....	3 credits
Soc. Sci. 122	Problems of Society.....	5 credits
Educ. 110	Rural Sociology .....	3 credits
Total.....		35 credits

**Four-Year Minor**

Soc. Sci. 61	General Sociology .....	5 credits
Soc. Sci. 62	Outlines of Economics.....	5 credits
Soc. Sci. 67	Introduction to Political Science.....	5 credits
Soc. Sci. 110	American Government .....	5 credits
Total.....		20 credits

**Soc. Sci. 61. General Sociology.** The nature of social relations. The influences that shape society; the perspective of social evolution; social control; social pathology.

All quarters. Five credits. Mr. Tyler.

**Soc. Sci. 62. Outlines of Economics.** The evolutions of economic society, the elementary concepts of society, business organization, money and credit, protection and free trade, rent, transportation, agricultural problems, public revenues and expenditures.

All quarters. Five credits. Dean Nelson.

**Soc. Sci. 67. Introduction to Political Science.** A survey course to introduce the student to the nature and origin of government; governmental structure and functions; with particular attention given to the federal and state constitutions.

Fall quarter. Five credits. Mr. Tyler.

**Soc. Sci. 110. American Government.** The structure and working of the Federal and local forms of American government; comparisons with the French, English, and British colonial forms.

Winter and summer quarters. Five credits. Mr. Tyler.

**Soc. Sci. 121. Social Origins.** Racial and social origins, growth of custom, the beginnings of civilization, a general view of the prehistoric period.

Fall and summer quarters. Three credits. Mr. Kingston.

**Soc. Sci. 122. Social Problems.** Problems arising through social maladjustments or individual differences—crime, the dependent and delinquent classes, preventive and remedial measures.

Winter quarter. Four credits. Mr. Tyler.

#### *Typing and Penmanship*

**Soc. Sci. 11. Penmanship.** All students will be held for a two-credit course in the teaching of penmanship. Those whose writing in the judgment of the penmanship instructor is not up to standard will be held for three additional hours of practice in writing without credit.

All quarters. Two credits. Mr. Haeseler.



**Soc. Sci. 112. Penmanship for Supervisors.** An advanced course for those who wish to teach or supervise penmanship.

Winter and summer quarters. Two credits. Mr. Haeseler.

**Soc. Sci. 14. Beginning Typing.** Mastery of the keyboard and technique of typing. Touch method.

All quarters. Three credits.

**Soc. Sci. 16. Advanced Typing.** Development of greater speed and accuracy. Mimeographing and manifolding.

Summer quarter. Three credits.

## SPEECH

DR. TIEJE, *Department Head and Major-Minor Adviser*

MISS DICKINSON, MISS HOLLINGSHEAD, MISS SNYDER

*Students desiring to arrange a combined English-Speech major should, before registering, consult with the Head of the Department in order to arrange a satisfactory course.*

The suggested outlines for majors and minors given below may be changed only with the advice and consent of the Major-Minor Adviser. Such changes should be approved in writing by the Major-Minor Adviser.

### Three-Year Major in Speech

*Note: See English 3*

Speech 102	Oral Themes .....	Sophomores	3 credits
Speech 103a	Corrective Speech .....	Sophomores	3 credits
Speech 104	Beginning Interpretative Reading .....	Sophomores	3 credits
Speech 105	Creative Dramatics .....	Sophomores	3 credits
Speech 106	Play Production .....	Juniors	3 credits
Speech 107	Directing .....	Juniors	2 credits
Speech 108	Scene Design .....	Juniors	2 credits
Speech 110	Acting .....	Juniors	2 credits
Speech 103b	Remedial Work in Corrective Speech .....	Juniors	1 credit
Total.....			22 credits

### Three-Year Minor in Speech

*Note: See English 3*

Speech 102	Oral Themes .....	Sophomores	3 credits
Speech 103a	Corrective Speech .....	Sophomores	3 credits
Speech 104	Beginning Interpretative Reading.....	Sophomores	3 credits
Speech 105	Creative Dramatics .....	Sophomores	3 credits
Total.....			12 credits

### Four-Year Major in Speech

*Note: See English 3*

Speech 102	Oral Themes .....	Sophomores	3 credits
Speech 103a	Corrective Speech .....	Sophomores	3 credits
Speech 104	Beginning Interpretative Reading .....	Sophomores	3 credits
Speech 105	Creative Dramatics .....	Sophomores	3 credits



Speech 106	Play Production .....	Juniors	3 credits
Speech 107	Directing .....	Juniors	2 credits
Speech 108	Scene Design .....	Juniors	2 credits
Speech 110	Acting .....	Juniors	2 credits
Speech 103b	Remedial Work in Corrective Speech .....	Juniors	1 credit
Speech 109	Advanced Interpretative Reading .....	Seniors	3 credits
Speech 111	Advanced Production Problems	Seniors	3 credits
Speech 112	Children's Theatre .....	Seniors	2 credits
Eng. 201	Shakespeare .....	Seniors	3 credits
Eng. 208	Contemporary Drama .....	Seniors	3 credits
Total.....			36 credits

**Four-Year Minor in Speech**

*Note: See English 3*

Choice of 21 credits chosen under the direction of the major-minor adviser.

All students are required to take a voice test during their first quarter of residence, and to enrol in Speech 2 if so advised by the instructor.

None of the courses in speech is given by correspondence.

**Speech 1. Fundamentals of Speech.** The general foundation for all work in speech.

*Required of all students in the teacher training course.* All quarters. Four credits. Miss Hollingshead, Miss Snyder.

**Speech 2. Voice Production.** Practice in correct breathing; development of resonance, melody and purity; remedial exercises for voice defects.

This course or a statement from the instructor is a prerequisite for practice teaching in the Training School.

*Prerequisite: The order of the instructor.* All quarters. One credit. Miss Hollingshead.

**PROFESSIONAL ELECTIVES**

*General prerequisites: English 1, 2, 3 and Speech 1.*

**Speech 101a. Story Telling.** The art of story telling and a survey of the bibliography of the subject.

Fall quarter. Three credits. Miss Dickinson.

**Speech 101b. Practice in Story Telling.**

*Prerequisite: Speech 101a.* All quarters. Credits to be arranged. Miss Dickinson.



**Speech 102. Oral Themes.** Organization of short speeches. A course for those desirous of ridding their speech of grammatical and syntactical errors.

*Also recommended to those in the intermediate and junior high school courses.* Winter quarter. Three credits. Miss Dickinson.

**Speech 103a. Corrective Speech.** Analysis of voice and speech defects; study of the speech mechanism; analysis and application of the international alphabet; testing and treatment of speech cases.

*Recommended to those in the primary course. Prerequisite: Consent of the instructor.* Fall and winter quarters. Three credits. Miss Hollingshead.

**Speech 103b. Remedial Work in Corrective Speech.** Special work with children in the speech clinic in the Training School.

*Prerequisite: Speech 103a.* All quarters. Credits to be arranged. Miss Hollingshead.

**Speech 104. Beginning Interpretative Reading.** Development of the voice and personality; study of dialects and character portrayal; analysis and interpretation of the types of literature; cutting and adapting for public school presentation.

*Recommended to those interested in directing speech work.* Winter quarter. Three credits. Miss Hollingshead, Miss Snyder.

**Speech 105. Creative Dramatics.** Survey of the literature suitable for dramatization in the grades; technique of conducting informal dramatization; demonstration classes in junior high school.

*Recommended to those in the junior high school course. Prerequisite: Speech 106 or the consent of the instructor.* Fall and spring quarters. Three credits. Miss Hollingshead.

**Speech 106. Play Production.** Technical divisions of the stage; fundamentals of the stage design; color and lighting; standard equipment; make-up.

*Only one quarter may be counted toward graduation. Laboratory fee: fifty cents a quarter.* All quarters. Three credits. Miss Snyder.

**Speech 107. Directing.** Technique of directing a play; problems of the director; suggested list of plays. Each



student is required to cast and direct a one-act play for class production.

*Prerequisite: Speech 106 and the consent of the instructor.* Fall quarter. Two credits. Miss Snyder.

**Speech 108. Scene Design.** The designing, making, painting, and dressing of sets and drops, demonstrated on model stages.

*Prerequisite: Consent of instructor.* A continuation of speech 104. Two credits. Miss Snyder.

**Speech 109. Advanced Interpretation.** A continuation of Speech 104.

Winter quarter. Three credits. Miss Hollingshead, Miss Snyder.

**Speech 110. Acting.** The art of character interpretation on the stage.

*Prerequisite: Speech 106 and consent of the instructor.* Spring quarter. Two credits. Miss Snyder.

**Speech 111. Advanced Production Problems.** Detailed instruction in the planning and construction of usable stage setting. Each student constructs a practical model to scale. Costuming; character make-up.

*Laboratory fee: fifty cents a quarter. Prerequisite: Speech 106.* Fall and spring quarters. Three credits. Miss Snyder.

**Speech 112. Children's Theatre.** Production; direction; types of plays.

*Prerequisite: Speech 105 and 106.* Spring quarter. Two credits. Miss Hollingshead.

**Speech 201. Public Address.** The forms of public discourse. Those entering the Martin Oratorical contest must enrol in this course.

Winter quarter. Two credits. Miss Hollingshead.

**Speech 202. Argumentation.** The principles of logic, the brief, and organization of argument.

Oral practice in class. One written argument required. Fall quarter. Two credits. Not given in 1934-35.

**Speech 203. Debate.** Evidence, proof, refutation, organization and division of material. Winter quarter. Two credits. Not given in 1934-35.



## TRAINING SCHOOLS

MR. FRASIER, *Director of Training Schools and  
Major-Minor Adviser*

MR. PENCE, *Principal Junior High School*

MRS. BROWN, MISS DRYDEN, MISS GRAYBILL, MRS. HAAS, MISS LANG,  
MISS LAVIN, MISS McGRATH, MISS PETERSON

### Professional Requirements in Training Schools

All students qualifying for a teaching credential will complete the professional work outlined below or its equivalent.

Choice of:

T. S. 7	The Primary School.....	6 credits	} 6 credits
T. S. 8	The Intermediate School.....	6 credits	
T. S. 9	The Junior High School.....	6 credits	

Choice of:

T. S. 104	Primary Student Teaching....	10 credits	} 10 credits
T. S. 105	Intermed. Student Teaching...	10 credits	
T. S. 106	Junior High Student Teaching	10 credits	

Total..... 16 credits

Student Teaching is provided in the Campus Elementary School, the Cheney Junior High School, and the Elementary and Junior High Schools of Spokane.

Students must have a grade point average of 1.00 or better in all credits earned in residence at Cheney in order to do Student Teaching.

Students must register with the Director of Training Schools for their Student Teaching *at least one quarter in advance* of the time they desire the Student Teaching. As far as possible, students will be assigned to the grade which they request.

### Minor in Teaching

To make possible specialization in the primary, intermediate, or junior high school fields, the student may, with the advice of the Director of Training Schools, select 12 or more hours of work in courses especially adapted to the chosen fields. The work of this minor should round out the training of the student. The courses to be taken are chosen after a survey of the student's general training and interest has been made. This minor may be used to satisfy the minor



requirements in the three-year curriculum or the second minor requirements in the four-year curriculum.

**T. S. 7. The Primary School.** This course is divided into three sections, one section taken each quarter, covering in all a year of laboratory observation in the Campus School. Each section deals with the principles, procedures, and materials of a school grade. The work includes lectures, discussions, assigned problems, and observation.

*Prerequisite: Education 2, Psychology 1 and Psychology 16.*

7a. First Grade Laboratory. All quarters. Two credits. Miss McGrath.

7b. Second Grade Laboratory. All quarters. Two credits. Miss Graybill.

7c. Third Grade Laboratory. All quarters. Two credits. Miss Peterson.

**T. S. 8. The Intermediate School.** This course is divided into three sections, one section taken each quarter, covering in all a year of laboratory observation in the Campus School. Each section deals with the principles, procedures and materials of a school grade. The work includes lectures, discussions, assigned problems, and observation.

*Prerequisites: Education 2, Psychology 1, Psychology 16.*

8a. Fourth Grade Laboratory. All quarters. Two credits. Mrs. Brown.

8b. Fifth Grade Laboratory. All quarters. Two credits. Miss Lavin.

8c. Sixth Grade Laboratory. All quarters. Two credits. Miss Lang.

**T. S. 9. The Junior High School.** This course is divided into two sections each of which covers a portion of the principles, procedures, and materials used in the junior high school, grades seven, eight, and nine.

*Prerequisites: Education 2, Psychology 1, Psychology 16.*

9a. Principles, procedures, and sources of materials in language, arts, and literature. All quarters. Three credits. Miss Dryden.

9b. Principles, procedures, and materials in social studies, science and mathematics. All quarters. Three credits. Mr. Pence.



**T. S. 104. Primary Student Teaching.** Supervised teaching in the primary grades: first, second, and third. 200 minutes a day for twelve weeks.

*Prerequisite: Two quarters of T. S. 7.*

All quarters. Ten credits. Miss McGrath, Miss Graybill, Miss Peterson.

**T. S. 105. Intermediate Student Teaching.** Supervised teaching in the intermediate grades: fourth, fifth, and sixth. 200 minutes a day for twelve weeks.

*Prerequisite: Two quarters of T. S. 8.*

All quarters. Ten credits. Mrs. Brown, Miss Lang, Miss Lavin.

**T. S. 106. Junior High School Student Teaching.** Supervised teaching in the junior high school grades: seven, eight, and nine. 200 minutes a day for twelve weeks.

*Prerequisite: Two quarters of T. S. 9.*

All quarters. Ten credits. Miss Dryden, Mr. Pence.

**T. S. 121. Advanced Primary Teaching.** With the permission of the Director of Training Schools, students may elect from one to three credits of supervised teaching in the primary grades.

All quarters. One-three credits to be arranged. Staff.

**T. S. 122. Advanced Intermediate Teaching.** With the permission of the Director of Training Schools, students may elect from one to three credits of supervised teaching in the intermediate grades.

All quarters. One-three credits to be arranged. Staff.

**T. S. 123. Advanced Junior High Teaching.** With the permission of the Director of Training Schools, students may elect from one to three credits of supervised teaching in the junior high school grades.

All quarters. One-three credits to be arranged. Staff.



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