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**Eastern Washington College of Education, Cheney, Washington,
annual catalog, 1945-1946**

Eastern Washington College of Education

Heather Dressler

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Eastern Washington College of Education

Cheney, Washington

ANNUAL CATALOG NUMBER 1945-1946

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NOTICE

The college reserves the right to change at any time any of its regulations affecting students. Such regulations regarding admission, fees, graduation, withdrawal of courses, etc., shall become effective whenever the proper authorities may determine and shall apply to current students as well as future ones.

CALENDAR 1945-1946

Fall Quarter

Registration, July 16—September 22.

Freshman orientation, Monday, September 24. (New freshman required to report Showalter Hall auditorium, 9:00 a. m.)

Paying of minimum, laboratory, and course fees, September 24-25.

(One dollar late registration fee charged for failure to keep fee payment appointment.)

Instruction begins Tuesday, September 25.

President's convocation, Thursday, September 27.

Last day for removing incompletes, Friday, October 19.

Institute of International Relations, to be announced.

Thanksgiving recess begins Wednesday, November 21, noon.

Thanksgiving recess ends Monday, November 26, 8:00 a. m.

* Registration for winter quarter:

Seniors, October 8-20

Juniors, October 22-November 3

Sophomores, November 5-17

Freshmen, November 19-December 7

Instruction ends Friday, December 14, 4:00 p. m.

Winter Quarter

* See registration dates under fall quarter.

Paying of minimum, laboratory, and course fees, January 2-3.

(One dollar late registration fee charged for failure to keep fee payment appointment.)

Instruction begins Wednesday, January 2.

Last date for removing incompletes, Friday, January 25.

Washington's Birthday (holiday), Friday, February 22.

† Registration for spring quarter:

Seniors, January 14-26

Juniors, January 28-February 9

Sophomores, February 11-23

Freshmen, February 25-March 9

Instruction ends Friday, March 15, 4:00 p. m.

Spring Quarter

† See registration dates under winter quarter.

Paying of minimum, laboratory, and course fees, March 25-26.

(One dollar late registration fee charged for failure to keep fee payment appointment.)

Charter Day, Friday, March 22.

Instruction begins Monday, March 25.

Last date for removing incompletes, Friday, April 19

Registration for summer quarter begins April 1.

Memorial Day (holiday), Thursday, May 30.

Instruction ends Friday, June 7.

BOARD OF TRUSTEES

MRS. LESLIE BARBER.....Colfax
DAVE S. COHN.....Spokane
JAMES E. McGOVERN.....Spokane

STATE BOARD OF EDUCATION

PEARL WANAMAKER.....State Superintendent of Public Instruction
LEE PAUL SIEG.....President, University of Washington
WILSON M. COMPTON.....President, State College of Washington
R. E. McCONNELL.....President, Central Washington College
E. J. McNAMARA.....Superintendent, Longview City Schools
NELLA JOHNSON.....Superintendent, Franklin County Schools
LESLIE McINTOSH.....Principal, Centralia High School

ADMINISTRATIVE OFFICERS

WALTER W. ISLE.....President
RALPH E. TIEJE.....President Emeritus
G. W. WALLACE.....Registrar
EUNICE NELSON.....Dean of Women
J. L. BOTSFORD.....Dean of Men
H. N. STRONACH.....Bursar
GRAHAM DRESSLER.....Veterans Education Adviser
C. M. FRASIER.....Director Laboratory School
L. W. LEE.....Director of Public Relations
H. E. HOLMQUIST.....Director of Publications
FRANCES WILSON.....Director Dining Hall
EMILY J. CRANEY.....College Nurse
J. W. HUNGATE.....Director of Lectures and Entertainments
J. S. LANE.....Superintendent of Buildings and Grounds
O. O. PENCE.....Assistant Registrar
MARIE STERNITZKY.....Assistant Nurse

SECRETARIES

ESTELLA TIFFANY.....Secretary to the President
LOUISE JAMES.....Secretary to the Registrar
ETHELYN NEAL.....Secretary to the Bursar
*MARGARET JESSUP.....Secretary Laboratory School

LIBRARY STAFF

HUGH M. BLAIR.....Librarian
MARIE HAAS.....Circulation Librarian
RUTH S. JOHNSON.....Reserve and Periodical Librarian

* Resigned.

FACULTY COMMITTEES

- Academic Advice and Guidance:* Miss Bryan, Miss Davidson, Dr. Dressler, Dr. Groth, Dr. Hall, Dr. Heisler, Miss Nelson, Mr. Wallace, *Chairman*.
- Advisory Committee on Curriculum and Policy:* Mr. Frasier, Mr. Hungate, Miss Nelson, Dr. Roberts, Mr. Rowles, Dr. Williamson, Mr. Woodward, Mr. Wallace, *Secretary*, Dr. Ludwig, *Chairman*.
- Alumni Advisory Board:* Mrs. Anderson, Miss Ferguson, Miss Fitzpatrick, Miss Lang, Miss Lawton, Mr. Pence, *Chairman*.
- Board of Athletic Control:* Faculty—Mr. Lee, Mr. Woodward, Dr. Stewart, *Chairman*. Alumni—Ray Danekas, F. E. Osborne. Students—Representatives assigned by the Associated Student Council.
- Discipline:* Mrs. Anderson, Mr. Dales, Miss Lang, Dr. Roberts, Mr. Holmquist, *Chairman*.
- Exchange Scholarships:* Mr. Dales, Miss Dustin, Miss Newland, Dr. Stewart, *Chairman*.
- Institute of International Relations:* Dr. Dayton, Dr. Dressler, Miss Gingrich, Miss Goodsell, Miss Lang, Miss Newland, Mr. Rowles, Dr. Stewart, Miss Swerer, Miss Wiley, Miss Dryden, *Chairman*. Two students designated by the Associated Student Council.
- Institute of Professional Relations:* Miss Barton, Miss Cassidy, Miss Vandevanter, Mr. Frasier, Miss McGrath, Dr. Williamson, *Chairman*.
- Loan Fund:* Miss Nelson, Mr. Pence, Mr. Stronach, *Chairman*.
- Scholastic Standing:* Mr. Brumblay, Miss Dickinson, Dr. Dayton, *Chairman*.
- Student Faculty Affairs:* Miss Bryan, Dr. Dayton, Dr. Dressler, Dr. Groth, Dr. Ludwig, Miss Nelson, *Chairman*. Student representatives as selected.

INSTRUCTIONAL STAFF

Note: The date following the name indicates the beginning of service in the College.

① HENRY MASON ADAMS (1939)

Assistant Professor of Economics

A.B., Lehigh University

A.M., University of Southern California

Ph.D., Stanford University

② RALPH KENNETH ALLEN (1928)

Head of the Division of Languages and Literature and Professor of English

A.B., William Jewell College

A.M., University of Washington

Graduate study and research University of Washington, British Museum

① On leave of absence with the armed forces.

LOUISE CHANDLER ANDERSON (1915)

Assistant Professor of Foods and Nutrition

B.S., University of Washington

Graduate study University of California, Oregon State College,
Columbia University

THELMA MARIE BAILEY (1945)

Instructor in Elementary Education

A.B., Colorado State College of Education

A.M., Colorado State College of Education

DAVID ALEXANDER BARBER (1923)

Assistant Professor of Education and Psychology

A.B., University of Washington

A.M., University of Washington

Ph.D., University of Washington

Graduate study University of Chicago

AMSEL BEATRICE BARTON (1940)

Assistant Professor of Elementary Education

A.B., Eastern Washington College of Education

A.M., Teachers College, Columbia University

③ RAYMOND FRANK BELL (1940)

Instructor in Science and Mathematics

A.B., West Virginia Institute of Technology

M.S., University of Michigan

Graduate study University of Kentucky, University of Wisconsin,
University of Michigan

③ JAMES LAWRENCE BOTSFORD (1933)

Dean of Men and Assistant Professor of Mathematics

A.B., University of Washington

Ph.D., California Institute of Technology

③ NANCY KATE BRODNAX (1928)

Assistant Professor of Textiles and Clothing

A.B., University of Oklahoma

A.M., University of Washington

Graduate study New York School of Design, University of Texas,
University of Costa Rica

ROBERT CUSHMAN BRUMBLAY (1942)

Coach and Instructor in Physical Education

B.A., State College of Washington

Graduate study State College of Washington

③ On leave of absence in war service.

BERNICE CINDERILLA BRYAN (1936)

Assistant Professor of Elementary Education

B.S., Teachers College, Columbia University

A.M., Teachers College, Columbia University

Graduate study University of Colorado, Teachers College of
Columbia University

VIOLA MARIE CASSIDY (1937)

Assistant Professor of Elementary Education

B.S., Western Reserve University

A.M., Teachers College, Columbia University

GEORGE EDWARD CRAIG (1912)

Emeritus Professor of Education

A.B., Stanford University

HOPE ELIZABETH CULLEN (1939)

Teacher Librarian in Laboratory School

A.B., Eastern Washington College of Education

Graduate study University of Washington

③ ROBERT KIRSCHNER DAHLSTROM (1935)

*Director of Student Employment and Assistant Professor of
Physical Sciences and Mathematics*

B.S., University of Washington

Ph.D., University of Washington

Graduate study and research University of Washington

EDWARD LAMONT DALES (1917)

Assistant Professor of Industrial Education

B.S., University of Wisconsin

Graduate study Stout Institute, Oregon State College, University
of California

FLORA ELIZABETH DAVIDSON (1921)

Assistant Professor of Health Education

B.S., University of Missouri

A.M., Teachers College, Columbia University

Graduate study University of Southern California

ARETAS ARNOLD DAYTON (1942)

Assistant Professor of Social Studies

B.Ed., Illinois State Normal University

M.A., University of Illinois

Ph.D., University of Illinois

MARY VIRGINIA DICKINSON (1921)

Assistant Professor of English

A.B., University of Wisconsin

A.M., University of Washington

Graduate study Ideale Ecole Francaise, University of Wisconsin,
Stanford University

③ On leave of absence in technical war service.

① CATHERINE HARKER DITTEBRANDT (1940)

Instructor in Physical Education

B.S., State College of Washington

M.S., State College of Washington

GRAHAM MCFARLAND DRESSLER (1940)

Veterans Education Adviser and Assistant Professor of English

A.B., University of Illinois

A.M., University of Illinois

Ph.D., University of Washington

CECIL PEARL DRYDEN (1924)

Assistant Professor of History

A.B., University of Washington

A.M., Columbia University

Graduate study University of Moscow (Russia)

HANNAH ANTOINETTE DUSTIN (1920)

Assistant Professor of Physical Education

Graduate, Sargent School of Physical Education

B.P.E., American College of Physical Education

A.B., Eastern Washington College of Education

Graduate study University of Washington, New York University

LYLA JEAN FERGUSON (1943)

Instructor in Piano and Music Theory

A.B., Eastern Washington College of Education

Mus.M., Eastman School of Music, University of Rochester

VIRGINIA FITZPATRICK (1943)

Instructor in Elementary Education

A.B., Eastern Washington College of Education

A.M., Teachers College, Columbia University

* MARGARET DOROTHY FLEMING (1944)

Instructor in Elementary Education

B.Ed., Duluth State Teachers College

A.M., State University of Iowa

Graduate study University of Chicago

CLARK MELVILLE FRASIER (1930)

Director of Laboratory Schools and Professor of Elementary Education

A.B., Colorado State College of Education

A.M., Colorado State College of Education

Graduate study George Peabody College for Teachers, Colorado State College of Education

① On leave of absence with the armed forces.

* Resigned.

② OTIS WILLARD FREEMAN (1924)

*Head of the Division of Physical Sciences and Mathematics and
Professor of Geography*

A.B., Albion College
M.S., University of Michigan
Ph.D., Clark University

ESTHER MARIE GINGRICH (1930)

Assistant Professor of Art

A.B., University of Washington
A.M., Teachers College, Columbia University
Graduate study University of Washington, Carnegie Institute of
Technology

EVELYN DORA GOODSELL (1927)

Assistant Professor of Music

A.B., Carleton College
A.M., Teachers College, Columbia University
Graduate study American Conservatory of Music, Iowa State
Teachers College, Teachers College of Columbia University

JOHN HENRY GROTH (1941)

Assistant Professor of English and Philosophy

A.B., Wartburg College
A.M., University of Washington
Ph.D., University of Washington

JOHN PAUL GRUBER (1927)

Freshmen Adviser on Bibliography and Reference

A.B., University of Indiana
Graduate study University of Wisconsin, State College of Washington,
University of Washington

MARIE DOOSE HAAS (1930)

Circulation Librarian and Instructor in Librarianship

A.B., Eastern Washington College of Education
B.A.L., University of Washington
Graduate study University of Southern California

WILLIAM EDWARD HALL (1941)

Assistant Professor of Psychology

A.B., Willamette University
A.M., Ohio State University
Ph.D., Ohio State University

FLORENCE ANNA HEISLER (1943)

Instructor in Education

B.S., New York University
M.A., New York University
Ph.D., New York University

HJALMAR EDWIN HOLMQUIST (1923)

Director of Publications and Assistant Professor of Journalism

A.B., Stanford University
Graduate study University of Washington

JOSEPH WYNNE HUNGATE (1905)

Head of the Division of Applied Sciences and Arts and Professor of Biology

A.B., State College of Washington
M.S., Cornell University
Graduate study and research University of Washington, University of California

① HAROLD VINCENT JONES (1938)

Assistant Coach of Athletic Teams and Instructor in Biology

B.S., State College of Washington
Graduate study State College of Washington

CEYLON SAMUEL KINGSTON (1901)

Emeritus Vice-president and Emeritus Professor of History and the Social Studies

A.B., St. Lawrence University
A.M., University of Michigan
LL.D., State College of Washington
Graduate study and research Columbia University, University of Washington

JAMES SIDNEY LANE (1923)

Superintendent of Buildings and Grounds and Assistant Professor of Industrial Education

B.S., Oregon State College
M.S., Oregon State College

CHARLOTTE CHRISTINE LANG (1922)

Assistant Professor of Elementary Education

B.S., Teachers College, Columbia University
A.M., Teachers College, Columbia University
Graduate study Teachers College, Columbia University

MARIAN ALICE LAWTON (1922)

Assistant Professor of Music

A.B., State College of Washington
Mus.B., State College of Washington
A.M., Stanford University
Graduate study Chicago Musical College, Eastman School of Music of the University of Rochester

① On leave of absence with the armed forces.

ALBERT PHILLIP LUDWIG (1939)

*Head of the Division of History and Social Studies and Professor
of History and Sociology*

A.B., Oberlin College
A.M., University of California
Ph.D., University of California

LESTER LYLE MCCRERY (1940)

Instructor in Speech

A.B., University of Washington
A.M., University of Washington
Graduate study University of Washington

MARGARET EULALIA MCGRATH (1928)

Assistant Professor of Elementary Education

A.B., University of Minnesota
A.M., Teachers College, Columbia University
Graduate study University of Minnesota

* RICHARD FELIX MILLER (1940)

Instructor in English

A.B., University of Oregon
A.M., Columbia University
Graduate study University of Oregon, University of Washington

EUNICE NELSON (1931)

Dean of Women and Assistant Professor of Economics

A.B., University of Wisconsin
A.M., Teachers College, Columbia University
Graduate study University of California, University of London,
University of Southern California

EVEUS GENEVIEVE NEWLAND (1937)

Assistant Professor of Elementary Education

A.B., Colorado State College of Education
A.M., Colorado State College of Education
Graduate study State University of Iowa

* MABEL LINNEA PEARSON (1943)

Instructor in Elementary Education

A.B., Eastern Washington College of Education

OMER OTHMAN PENCE (1925)

*Assistant Registrar and Assistant Professor of Mathematics and
Science*

A.B., University of Washington
A.M., University of Washington
Graduate study University of Washington

* On leave of absence.

- ② HALLOCK FLOYD RAUP (1940)
Assistant Professor of Geography
 B.S., University of California
 M.S., University of California
 Ph.D., University of California
- ① WILLIAM BRYAN REESE (1930)
Director of Athletics and Instructor in Physical Education
 A.B., State College of Washington
 Graduate study State College of Washington, New York University
- JAMES RUSSELL ROBERTS (1939)
Associate Professor of English
 A.B., State College of Washington
 A.M., State College of Washington
 Ph.D., University of Washington
- ① ROBERT WINN ROGERS (1941)
Instructor in Biology
 A.B., Eastern Washington College of Education
 Graduate study University of Washington
- WILLIAM LLOYD ROWLES (1929)
Head of the Division of Music and Professor of Music
 Mus.B., Northwestern University
 Mus.M., Northwestern University
 Graduate study Northwestern University
- BERNADENE SCHUNK (1945)
Acting Instructor in Elementary Education
 A.B., Hastings College
 A.M., Colorado State College of Education
 Graduate study National College of Education, University of Wyoming
- GRACE BERNEAL SHINDLER (1945)
Instructor in Elementary Education
 A.B., Eastern Washington College of Education
 Additional study Eastern Washington College of Education
- EDGAR IRVING STEWART (1942)
Assistant Professor of History and Social Studies
 A.B., University of Washington
 A.M., University of Washington
 Ph.D., University of California
- MARY GULICK SWERER (1920)
Assistant Professor of Art
 Graduate Pratt Institute
 A.M., Columbia University
 Graduate study Columbia University

① On leave of absence with the armed forces.

② On leave of absence in war service.

WILLIAM HAROLD TALLYN (1925)

Assistant Professor of Chemistry

B.S., Shurtleff College

M.S., University of Illinois

Graduate study University of Illinois

RALPH EARLE TIEJE (1917)

President Emeritus

A.B., University of Illinois

A.M., University of Illinois

Ph.D., University of Illinois

Graduate research Columbia University

CARRIE LOUISE VANDEVANTER (1944)

Instructor in Elementary Education

A.B., Colorado State College of Education

A.M., Colorado State College of Education

Additional graduate study University of Washington, State

University of Iowa

GEORGE WILLIAM WALLACE (1925)

Registrar and Associate Professor of Education

A. B., State College of Washington

A.M., State College of Washington

Graduate study Stanford University, University of Washington

NAN KATHLEEN WILEY (1936)

Assistant Professor of Art

Graduate Chicago Academy of Fine Arts

A.B., University of Oregon

M.F.A., University of Oregon

Additional study Academie de la Grande Chaumiere (Paris, France), Cranbrook Foundation

Graduate study University of Southern California

OBED JALMAR WILLIAMSON (1932)

Head of the Division of Education and Psychology and Professor of Education

B.S., University of North Dakota

A.M., Teachers College, Columbia University

Ph.D., Teachers College, Columbia University

ARTHUR CLINTON WOODWARD (1927)

Head of the Division of Physical and Health Education and Professor of Physical Education

B.S., University of Vermont

Graduate study Harvard University, University of Illinois, University of Southern California

GENERAL INFORMATION

ACCREDITATION

The Eastern Washington College of Education is accredited by the American Association of Teachers Colleges and by the Northwest Association of Secondary and Higher Schools. Students in good standing who wish to transfer to other recognized institutions of higher learning will receive full credit for all courses satisfactorily completed.

ADMISSION AND REGISTRATION

All communications regarding admission and graduation requirements should be addressed to the Registrar.

Freshmen. The completion of a four-year high school course or its academic equivalent is required for admission to the Freshman class. Freshmen may enter the college at the beginning of any quarter.

The Eastern Washington College cooperates with other Washington colleges in accepting the "Uniform Personal and Scholastic Record and Application for Admission to Higher Institutions in the State of Washington" as an official transcript of the student's high school record. Prospective Freshmen should file these official transcripts of record with the Registrar not less than two weeks previous to registration. *The official transcript of the student's high school record must be on file when the student comes to register.*

A student who ranked in the lowest fourth of a high school graduating class may not register for more than 12 credits, exclusive of Physical Education Activities, during the first quarter of his Freshman year. A graduate of an unaccredited high school may not register for more than 12 credits, exclusive of Physical Education Activities, during the first quarter of his Freshman year.

Transfers. Credits will be accepted from all accredited institutions of higher learning. Applicants for advanced standing must furnish complete official transcripts of their records in schools and colleges formerly attended together with catalogs giving detailed information regarding courses completed. Transcripts should be filed with the Registrar not less than two weeks previous to registration. *Complete official transcripts of the student's high school and college records must be on file when the student comes to register.*

Non-matriculated Students. Individuals who are twenty-one years of age may be admitted without having completed a high school course, but are ineligible for graduation until preparatory deficiencies have been removed.

Professional Courses. In order to enroll in any professional course the student must have a cumulative grade point average of 1.00. All

courses in education and psychology except "Psych. 1 General Psychology" are professional courses.

Before enrolling in "Student Teaching" the student must satisfy the "Sp. 11 Remedial Speech" and "Math. 1 Mathematics Fundamentals" course requirements.

Registration. Students who attend the college during a given quarter and plan to attend the next quarter are expected to register for the next quarter in accordance with the dates indicated in the calendar in the front of this catalog. Students who are not in attendance during a fall or winter quarter may register any time during the quarter preceding attendance. Students who are not in attendance during a spring or summer quarter may register for the following quarter as soon as any students in residence begin registering. The dates for the beginning of summer and fall quarter registration are indicated in the calendar in the front of this catalog.

While it is advisable for the student who is not in attendance to register as early as students in attendance, the student who has not been in attendance during the previous quarter may register for a given quarter on the first day of that given quarter. Early registration is especially advantageous for students transferring from other colleges.

Complete official transcripts of the student's high school and college records must be on file when the student comes to register.

Registration is in charge of G. W. Wallace, Registrar, and O. O. Pence, Assistant Registrar. Persons who wish to register report to Mr. Wallace or Mr. Pence at the Registrar's Office on the second floor of Showalter Hall, the administration building. The Bursar's Office, where fees are paid, adjoins the Registrar's Office.

Registration Penalty. A number with a fee payment appointment is given the student when he registers. *The late registration fee of one dollar is charged regular students who fail to keep their fee payment appointments. The late registration fee is also charged regular students who fail to register before the day of the quarter on which instruction begins.* Exception is made when delay in registering is occasioned by officials of the college.

Registration by Mail. It is possible to register by mail for the summer quarter only. Students must come to the Registrar's Office in person to register for the fall, winter, and spring quarters. Persons who wish to register for the summer quarter by mail should see the summer quarter bulletin for dates on which it is possible to register by mail.

Registration Changes. Permission to *add* a course is given by the Registrar.

Permission to withdraw from a course after instruction begins is given by the Registrar or Dean.

A student who receives permission to withdraw from a course or who withdraws from the college up to and including Monday of the fifth week of a quarter is entitled to the grade "Withdrawn." After Monday of the fifth week of a quarter a student who receives permission to withdraw from a course or who withdraws from the college is entitled only to such grade as the instructor considers consistent with the student's class rank to date. However, when there are extenuating circumstances approved by the Registrar or Dean, the student is entitled to receive the grade "Withdrawn."

A fee of fifty cents is charged for each change of registration or number of changes which are made simultaneously. No fee is charged when the change is made on the initiative of officials of the college.

Laboratory fees of less than one dollar are not refunded.

Voice Test. All students who have not previously taken the Voice Test are required to do so during the fall quarter of each year. The Voice Test must be taken by all regular students, whether or not they are preparing to teach.

A fine of fifty cents is imposed upon students who fail to keep Voice Test appointments arranged by the Division of Languages and Literature. Any student who is required to pay the fine may not complete his registration for the next quarter until the fine is paid.

ATHLETICS

The athletic program of the college includes varsity competition in football, basketball, track, tennis, and golf. The college is a member of the Washington Intercollegiate Athletic Conference. Every male student who wishes to do so has an opportunity to participate in properly supervised competitive sports.

Woodward Field contains a well turfed football gridiron, a quarter-mile cinder track, a 220-yard straightaway, a baseball field, and an equipment building. There are permanent bleacher seats along the east side of the field.

The college basketball games are played in the gymnasium unit of Martin Hall. The gymnasium unit includes a standard, up to date playing floor lined for basketball, volleyball, badminton, and indoor baseball, and an office for the varsity athletic coach, locker rooms for the visiting and varsity squads, showers, first aid, laundry drying, supply, and equipment rooms. Folding bleacher seats accommodate 1,150 spectators.

Men winning the varsity "W" are eligible for membership in the Men's "W" club, an organization which fosters the ideals of sportsmanship and loyalty to the college.

BOARD AND ROOM

Board and room at the halls of residence for 1945-46 is as follows: Fall quarter \$86.10 (less a deduction of \$2.56 allowed those who leave the campus during Thanksgiving recess); Winter quarter \$76.65; Spring quarter \$78.75. No reduction is made for week-end absences. Four-fifths of the board is deducted for vacations or absences on account of illness of more than three days. Guest rates are as follows: breakfast or luncheon 30 cents; dinner 50 cents.

Payments for board and room are made monthly in advance. The first month's payment must accompany the minimum, laboratory, and course fees which are paid at the beginning of the quarter in accordance with the student's fee payment appointment number. When a student leaves at the end of a quarter, the \$5.00 deposit is deducted from his last payment.

Board and room can also be secured at reasonable rates in private homes off-campus. For information, address the Dean of Women, or the Dean of Men.

CAMPUS

The Eastern Washington College has a 40-acre campus in the west part of Cheney, four blocks from the Columbia Basin Highway. The college buildings are situated on a hill overlooking the town of Cheney and the pine forest eastward. Shrubs and native pine trees, as well as birch, fir, maple, spruce, ash, willow, elm, locust, and other trees help to make the campus attractive at all seasons of the year.

The administration building, Showalter Hall, is located in about the center of the campus. The president's residence is situated near Senior Hall, a dormitory for women in the northwest part of the campus. The west campus is mainly occupied by Monroe Hall, the Industrial Education Building, the Infirmary, tennis courts, and the athletic fields. Sutton Hall, a dormitory for men, is on the south. Martin Hall, the new laboratory school building is in the block between Sutton Hall and Woodward Field. The library is in the block opposite Monroe Hall and the president's residence.

Showalter Hall, the administration building, is a three-story structure containing administrative offices, classrooms, natural and applied science laboratories, and the college auditorium. Since this building also contains a gymnasium, a swimming pool, a golf driving tee and net room, a shuffle board court, and several shower and locker rooms, it houses many physical education activity classes.

Martin Hall, the laboratory school building completed early in 1937, is an up-to-date structure, provided with equipment consistent with modern concepts in educational philosophy. The building is somewhat unique in that it was definitely planned not only to meet the needs of children doing elementary school work but to serve as a teacher training center as well. The first floor contains the health suite, the auditorium, a teachers' rest room, the offices of the Director

of the Laboratory School and the Research Bureau, and suites of rooms for the kindergarten, first, second and third grades. On the second floor are the fourth, fifth and sixth grades, the children's library, the art and music studios, the food and clothing laboratories and a spacious cafeteria.

The art and music studios are fully equipped for all kinds of creative work, including easels, water colors, materials for calcimine painting, and instruments, such as triangles and cymbals for the children's rhythm band. The music studios are equipped with an adequate number of Victrolas and pianos.

A public address system with loud speaker connections in each room may be used for announcements, radio reception and music appreciation through phonograph records. There are four shower rooms available to the children at all times. The floors are overlaid with linoleum, inset with many colored pictures, the designs for which were developed in the school's art department.

One wing of the building is occupied by a gymnasium unit which is used cooperatively by the College and the Laboratory School.

Hargreaves Library. The latest addition to the campus of the Eastern Washington College of Education is the new \$275,000 Hargreaves Library, a beautiful structure in modern Roman style of terra cotta and brick with tile roof.

Occupying the entire front of the second floor is the main reading room, 40x146, with seating capacity for 284. Mahogany bookshelves line the walls and the room is provided with concealed lighting. The loan desk facing the rotunda has special facilities for prompt handling of loans and returns. On the second floor also are the librarian's offices, the catalog room, and a small social and recreation room.

On the first floor is the reserve reading room, 40x60, with a seating capacity of 80. This floor also houses the stack rooms, five seminar rooms and offices, and the C. S. Kingston Northwest history collection.

A well-equipped photographic laboratory has been installed in the basement, which also contains a mechanical room and a large storage room.

Book stacks, four stories high, in the rear section of the building, are reached by steel stairways. In the stack room are 24 desks for reading and study. An elevator from the receiving room in the basement to the top floor of the stack room facilitates the handling of books.

The main lobbies on the first and second floors have wainscot of beautiful Royal Fleuri marble. The floors are rubber tile and the woodwork throughout is mahogany.

Heat is furnished from the main heating plant of the college. The building is air-conditioned with recirculating air, and provided with a cooling system for use in the summer. The latest design of lighting and an intertelephone system are other features.

The dormitories—*Senior Hall*, *Monroe Hall*, and *Sutton Hall*—are modern and fully equipped homes, the first two for women and the latter for men. Students find the grand pianos, the modern radios, the large lounge rooms for reading, dancing and receptions, the candy kitchens and the laundry rooms conducive to their comfort.

In the *Industrial Education Building* are the shops for woodworking, metal, concrete, radio and electrical construction. The college print shop and the industrial education classrooms and drafting rooms are also in this building.

The college *Infirmary* is a one-story frame structure which houses a four-bed ward for men students and a four-bed ward for women students. The infirmary also contains a diet kitchen, an office, and living quarters for the college nurse and her assistant.

CAMPUS ACTIVITIES

Through campus organizations, students enjoy associations with fellow students and personal contacts with members of the faculty. Membership in an organization gives an opportunity to develop initiative and leadership. The college sponsors organizations for all interests—professional, athletic, service, scholarship, and honorary.

Athletic

Women's "W" Club. The Women's "W" Club includes all women who have earned a letter in Women's Athletics. The purpose of this organization is to sponsor Women's Athletic programs and develop student leadership.

Men's "W" Club. The Men's "W" Club includes all men who have been awarded a letter in a major sport in recognition of their service on the college team.

English and Speech

Theta Alpha Phi. The aim of the Theta Alpha Phi is to foster and promote interest in dramatics, and to produce and manage college plays. Theta Alpha Phi is a national organization.

Parnassus. Parnassus is a poetry club organized for the purpose of developing an appreciation of poetry and to promote an interest in creative work.

General

Associated Students. All regularly enrolled students are members of the Associated Students. The business of this organization is conducted by an Executive Board of nine members elected in May of each year from the three upper classes. A permanent secretary from the faculty is appointed by the President of the College. The Associated Students governs, controls, and regulates all student activities.

Associated Women Students. This organization comprises all the women students. It seeks to promote the welfare of this group and

to discuss the problems specifically involving its well-being. Each quarter the Associated Women Students make two awards: a scholarship cup to the group having the highest grade-point average, and the Working Girl's Scholarship. This association also provides at least one social event each quarter for all the women students on the campus.

Honorary

Key. Key was organized to promote high standards of scholarship. In order to be admitted to Key the student must: (a) maintain a cumulative grade point average of not less than 2.01 while completing not less than six quarters of college work; (b) maintain a cumulative grade point average of not less than 2.01 while completing not less than three quarters of work at the Eastern Washington College. When determining eligibility for Key membership, one quarter's work is interpreted to consist of 15 credits, exclusive of Physical Education Activities.

Kappa Delta Pi. Kappa Delta Pi is a national honorary education society which promotes professional interest on the campus. Members are selected on the basis of scholarship and promise of success in the teaching profession.

Scarlet Arrow. Scarlet Arrow is an honorary organization for outstanding men on the campus who have shown leadership and have taken an active part in the promotion of college spirit.

Golden Circle. The Golden Circle organization was granted its charter in the spring of 1939. It is a senior women's honorary for those who are outstanding in leadership, character, personality, and service.

Music

Euphonia. The Euphonia Club is an honorary society organized to increase student interest in music and to encourage the presentation of better music programs.

A Cappella Choir. The choir has a membership of about forty mixed voices. Several concert trips throughout the Inland Empire are made each year by this organization.

College Band. The uniformed College Band is composed of both men and women students. It plays for athletic contests and presents occasional concerts on campus and in surrounding communities.

College Orchestra. This organization furnishes music for college functions and appears in several concerts each year.

Madrigal Singers. The Madrigal group studies the music styles of the sixteenth and seventeenth centuries as well as modern part songs. It is made up of picked voices.

Professional

Alpha Sigma. Alpha Sigma is an honorary Art Club, organized to foster an interest in art, and to give an appreciation of art to other students in the college.

Association for Childhood Education. The American Childhood Education Association, a unit of the National Education Association, was organized for the purpose of aiding primary teachers.

Classroom Teacher Council. Chartered by the National Education Association in 1931, the Eastern Washington College unit of the Classroom Teacher Council is the only one of its kind in the United States. While the C. T. C. organization is open to classroom teachers from kindergarten through college, the Eastern Washington College unit includes only those interested in middle grade and junior high teaching.

Ellen H. Richards. The Ellen H. Richards Club, which is affiliated with the National Organization, is for furthering the purpose and spirit of Home Economics on the campus.

Geography Club. The Geography Club is organized for the purpose of sponsoring visiting speakers and lecturers.

Press Club. The Press Club aims to further the work of the college weekly newspaper. It is open to students who are, or have been, actively engaged in journalism work.

Honorary Service

Intercollegiate Knights. Intercollegiate Knights is a national undergraduate men's service organization which emphasizes the promotion of the spirit and traditions of the college.

Tawanka. Tawanka is a women's honorary service organization, the purposes of which are to extend hospitality to campus visitors, to foster college spirit, to promote interest in activities in which the student body participates, and to maintain campus traditions.

Service

Following the Sons of Uncle Sam. This organization attempts to contact former Eastern Washington College students who are serving with the armed forces and make their stay in service enjoyable. Present and former students of the College are eligible for membership.

CERTIFICATION

Both the "Three-year Elementary Certificate" issued by the Eastern Washington College and the "War Emergency Elementary Certificate" issued by the State Department of Education are valid in the accredited junior high schools of Washington as well as in the elementary schools of the state.

Three-year Elementary. The teaching certificate issued by the Eastern Washington College is known as the "Three-year Elementary Certificate." Applicants for it must graduate from the four-year curriculum with the degree of Bachelor of Arts in Education.

The "Three-year Elementary Certificate" is valid for three years, but on December 22, 1942, the State Board of Education provided that this certificate should "be extended during the manpower emergency (as determined by the State Board of Education) and the holder thereof allowed one year beyond for the completion of the 15-credit renewal or six-year standard requirements, provided the teacher is continuously teaching on this certificate."

Wartime. On December 22, 1942, the State Board of Education empowered the State Department of Education to issue a "War Emergency Elementary Certificate" upon recommendation of elementary teacher training institutions in the state, on the basis of three years of college training including student teaching. This "training must have been completed on the basis of at least three quarters residence in the institution recommending the certificate. * * *"

The "War Emergency Elementary Certificate" "is in force during the manpower emergency (as determined by the State Board of Education) and three years beyond, provided the teacher is continuously teaching on this certificate."

Information. For further information regarding certification regulations write the Registrar.

CHILDREN'S THEATRE

As an adjunct to the courses in Creative Dramatics, the Eastern Washington College 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 the college instructors both in the Laboratory 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 135 or more credits (exclusive of P. E. activities) are classified as seniors, those having from 90 to 134 as juniors, those having from 45 to 89 as sophomores, and those having fewer than 45 as freshmen.

DEGREE

The Washington State Legislature in 1933 empowered the college 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.

DIVISIONAL ORGANIZATION

The fields of instruction offered by the Eastern Washington College are organized in eight divisions as follows:

Applied Sciences and Arts.....	{ Art Biology Home Economics Industrial Education
Education, Psychology, and Philosophy....	{ Education Psychology Philosophy
History and Social Studies.....	{ Economics and Business History Political Science Sociology
Laboratory Schools	
Languages and Literature.....	{ English Journalism Librarianship Modern Languages Speech
Music	
Physical and Health Education	
Physical Sciences and Mathematics.....	{ Geography Mathematics Physical Sciences

EXPENSES

Tuition. There is no tuition at the Eastern Washington College.

Minimum Fees. Each regular student pays each quarter minimum fees amounting to \$13.50. These minimum fees include the Library Fee, the Health Fee, and the Student Activities Fee.

In addition to the minimum fees there are sometimes laboratory and course fees, depending upon the courses for which the student registers. Laboratory and course fees, as well as the minimum fees, are payable on the first three days of the quarter in accordance with appointments arranged by the Registrar's Office.

Library Fee. The library fee of \$2.00 a quarter is spent for the upkeep of the library.

Health Fee. The health fee of \$2.00 a quarter goes toward meeting expenses connected with the health of the students and the support of the infirmary.

Student Activities Fee. The activities fee of \$9.50 a quarter is distributed to different funds: athletics, lectures and entertainments, social life, publications, etc.

Laboratory and Course Fees. The laboratory and course fees charged each quarter are listed below. In some courses the student must also pay for the material used. Laboratory and course fees are payable on the first and second days of the quarter in accordance with appointments arranged by the Registrar's Office.

Course Number	Course Title	Amount
Art		
1	Introduction to Art.....	\$.50
117	Design and Color.....	.50
119	Guidance in Creative Activity.....	.50
123	Primary Construction.....	2.00
125	Painting and Sculpture.....	.50
127	Art Organization.....	.25
150	Elementary Crafts.....	1.00
153	Blackboard Sketching.....	.50
155	Pottery.....	1.50
157	Puppetry and Related Arts.....	1.00
159	Color.....	.50
160	Recreational Activities.....	.50
161	Water Color.....	.50
163	Oil Painting.....	.50
165	Lettering.....	.50
167	Commercial Design.....	.50
169	Figure Drawing.....	.50
171	Small Sculpture.....	1.50
173	Interior Decoration.....	.50
175	Picture Study.....	.50
177	Appreciation of Folk-Art.....	.50
179	History of Art.....	.25
181	Public School Art.....	.50
185	Advanced Crafts.....	1.00
187	Advanced Design and Color.....	.50
189	Advanced Drawing.....	.50
191	Contemporary Aesthetics.....	.50
Biology		
2	Introduction to Biology.....	1.00
51-52-53	Zoology.....	1.00
61-62-63	Botany.....	1.00
109	Field Biology.....	1.00
116	Entomology.....	1.00
120	Bacteriology.....	2.50
121	Genetics.....	1.00
122	Technique in Biology.....	1.50
Chem.		
51-52-53	General Chemistry.....	2.00
105-106	Qualitative Analysis.....	2.50
107-108-109	Organic Chemistry.....	5.00
110-111	Quantitative Analysis.....	2.50
Ec. Bus.		
14-15-16	Typewriting.....	1.50
Education		
141	Educational Guidance.....	.50
147	Remedial Reading.....	2.00
149	Tests and Measurements.....	1.25
162	Audio and Visual Aids.....	1.00

Expenses

Course Number	Course Title	Amount
Geography	1 Elements of College Geography.....	\$.25
	2 World Geography .....	.25
	102 Materials and Techniques of Geographic Education...	.25
Geography	103 Commodities and Trade.....	.25
	104 North America .....	.25
	105 South America .....	.25
	107 Northwest Geography .....	.25
	108 Historical Geography of the U. S.....	.25
	109 Political Geography .....	.25
	110 Elements of Geology.....	.25
	111 Asia .....	.25
	112 Africa .....	.25
	113 Europe .....	.25
	114 Weather and Climate .....	.25
	115 Geography of the Pacific.....	.25
	117 Resources and Conservation.....	.25
	120 Field Trips	1.00
	121 Advanced Field Trips.....	1.00
123 Middle America .....	.25	
124 Physiography of Western U. S.....	.25	
127 Cartography .....	.25	
130 Field Geography .....	.50	
Home Econ.	53 Foods	4.00
	54 Foods	4.00
	68 Textiles	1.00
	70 Clothing .....	.50
	154 Experimental Cookery	4.00
	162 Serving	1.50
	166 Advanced Dietetics	1.00
	172 Clothing .....	.50
	173 Art Needlework .....	.50
Ind. Educ.	60 Engineering Drawing	2.25
	61 Engineering Drawing	2.25
	62 Engineering Drawing	2.25
	100 Primary Industrial Education	2.25
	102 Public School Industrial Education.....	2.25
	105 Wood Turning	2.00
	106 Advanced Wood Turning.....	3.00
	110 Wood Finishing	2.00
	114 Wood Working for Homemakers.....	4.00
	115 Furniture Design and Construction.....	4.00
	120 Electrical Work	2.25
	121 Radio Construction	3.00
	125 Bench Metal	2.25
	126 Sheet Metal	2.25
	128 Machine Lathe	3.00
	140 Mill Work	1.50
145 Wood Carving	2.25	
150 Architectural Drawing	2.25	
151 Architectural Drawing	3.00	
156 Period Furniture Construction.....	5.00	
Music	16 Piano—1 Credit	15.00
	17 String Instrument	15.00
	18 Voice	15.00
	19 Organ	15.00

Course Number	Course Title	Amount
Music	20 Wind Instrument	\$15.00
	26 Classroom Piano	15.00
	27 Class String	5.00
	28 Class Voice	5.00
	30 Class Wind	5.00
	Practice Room Rental—Voice and Piano	3.00
	Practice Room Rental—String and Wind .....	.75
	String and Wind Instrument Rental	1.50-.75
	Organ Rental .20 hr.	10.00
P. E.	13 Golf	1.25
Physical Sci.	3 Survey of Physical Science .....	.25
	121 Descriptive Astronomy .....	.25
Physics	51 Applied Descriptive Physics	1.00
	61-62-63 General Physics	1.00
	60 Elements of Photography	2.00
Physics	160 Advanced Photography	2.00
Speech	11 Remedial Speech .....	.25
	53 Voice for Speech .....	.50
	106-107-108 Play Production .....	.50

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

Late Registration Fee. A number with a fee payment appointment is given the student when he registers. The late registration fee of one dollar is charged regular students who fail to keep their fee payment appointments. The late registration fee is also charged regular students who fail to register before the day of the quarter on which instruction begins. Exception is made when delay in registering is occasioned by officials of the college.

Registration Changes Fee. A fee of fifty cents is charged for each change of registration or number of changes which are made simultaneously. No fee is charged when the change is made on the initiative of officials of the college.

Laboratory fees of less than one dollar are not refunded.

Withdrawal. Students who withdraw from the college during the first two weeks of a quarter are entitled to a refund of \$9.00 on the minimum fees. Laboratory and course fees of one dollar or more are also refunded to students who withdraw during the first two weeks of a quarter. No refunds are given for withdrawal after the second week of a quarter.

Students wishing to withdraw must secure clearance sheets at the Bursar's office.

Board and Room. Board and room at the halls of residence for 1945-46 is as follows: Fall quarter \$86.10 (less a deduction of \$2.56 allowed those who leave the campus during Thanksgiving recess); Winter quarter \$76.65; Spring quarter \$78.75. No reduction is made

for week-end absences. Four-fifths of the board is deducted for vacations or absences on account of illness of more than three days. Guest rates are as follows: breakfast or luncheon 30 cents; dinner 50 cents.

Payment for board and room are made monthly in advance. The first month's payment must accompany the minimum, laboratory, and course fees which are paid at the beginning of the quarter in accordance with the student's fee payment appointment number. When a student leaves at the end of a quarter, the \$5.00 deposit is deducted from his last payment.

Board and room can also be secured at reasonable rates in private homes off-campus. For information, address the Dean of Women, or the Dean of Men.

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 \$1.50 a quarter.

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

Graduation Fee. Students who are successful candidates for the degree of Bachelor of Arts in Education pay a fee of \$5.50.

The graduation fee must be paid when the student makes application for graduation.

Transcript Fee. 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. Transcript fees must be paid in advance.

Special Students. Special students are those enrolled in not more than two courses exclusive of Physical Education Activities (P. E. 4 or P. E. 13), or for not more than six credits exclusive of Physical Education Activities (P. E. 4 or P. E. 13).

In other words, the maximum number of courses in which a special student may enroll is two, exclusive of P. E. Activities. The maximum number of credits for which a special student may enroll is six exclusive of P. E. Activities. The enrolment fee for special students is \$2.00.

Earning Expenses. Those students who need to earn part of their expenses will find a limited number of opportunities at the college for so doing. Regular monthly employment at the college 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 standard schedule of class work.

Prospective women students needing part-time employment should write Miss Eunice Nelson, Dean of Women. Prospective men students in need of part-time employment should write to L. W. Lee, Director of Student Employment. The letters to Dean Nelson and Mr. Lee should include complete information regarding both needs and qualifications for part-time employment.

EXTENSION

Credits. A total of 45 credits earned in extension and/or correspondence courses may be counted toward the degree of Bachelor of Arts in Education. Neither correspondence nor extension courses may be carried while a student is in residence.

Fees. The fee for a single course is paid in advance. Where two or three courses are begun at one time, one-half the fees must be paid in advance, but the remainder may be paid in installments.

Time. A correspondence course may not be completed in less than one calendar month, and should be finished in not more than one year from the date of enrolment. The enrolment fee for a course is forfeited if no work is done on the course for six months. Not more than 9 credits may be earned in extension and/or correspondence courses in any one quarter.

Residence. No student may graduate from the college with less than a year (3 quarters) of attendance and 45 credits earned in residence. The last quarter or term of the student's work preceding graduation must be done in residence at the Eastern Washington College.

Grades. The grade "S" (satisfactory) is given when a correspondence or extension course is completed. In computing grade point averages "S" grades are disregarded.

Information. For further information regarding the titles, credits, and fees for the courses offered by correspondence write the Extension Office. Checks and money orders are made payable to the Bursar.

GUIDANCE AND WELFARE

Student guidance is cooperatively provided by the officials and instructors of the college in connection with the performance of their duties as dean, registrar, college nurse, research bureau director, placement bureau director, residence hall director, or instructor. Every effort is made to aid students with problems concerning the selection of schedules, academic progress and regulations, finances and part-time employment, health, social adjustment, living conditions, placement, and any other matters which pertain to personal welfare.

The college seeks to help each student toward the selection of courses and activities which will meet his individual needs and be

most likely to contribute toward success in his life work and toward the development of a well-rounded personality. Students are encouraged to arrange conferences regarding matters of personal and group interest.

The Dean of Men and the Dean of Women have general responsibility for student welfare and welcome correspondence and conferences with both parents and students. Students look to the Registrar for guidance in matters relating to schedule selection and to the operation of the curriculum, but are free to consult the deans at any time. Health problems are the particular concern of the College Nurse.

HEALTH PROGRAM

All regular students are charged a two-dollar health fee per quarter as part of the regular registration fee. In return each student is given each year a health examination—entering students in the fall, sophomores in the winter, and juniors and seniors in the spring quarter. In case of chronic and communicable diseases, or of physical defects, recommendations are made by the examining physicians, but treatment is at the student's cost. The College reserves the right to exclude any student whose condition is such as to endanger the general health of the group. Through contact with local physicians the Health Fund provides treatment for illnesses contracted while the College is in session, and for injuries received in the pursuit of college activities. Five days' free hospitalization is available in necessary cases at the college infirmary, but extended hospitalization and care are at the expense of the individual.

HISTORY

Established by legislative act, the Eastern Washington College of Education was originally a normal school. The 1937 law which provided the present name completed many years of transition to full college status.

The Washington State Normal School at Cheney, the first of three such institutions created by the Washington State Legislature in the early days of statehood, opened October 13, 1890. For a number of years secondary education was not adequately developed in the state and a considerable part of the enrolment consisted of preparatory students.

The 1917 Legislature authorized the institution to set up three-year and four-year curricula and discontinued preparatory courses. A steady growth in upper division enrolment followed and in 1933 the Legislature empowered the college to grant the degree of Bachelor of Arts in Education.

HONOR STUDENTS

Quarterly Honor Roll. Students whose grade point average for a given quarter is 2.25 or better are designated Honor Students for that quarter.

Freshman Honor Roll. The Freshman Honor Roll is computed and published at the close of each spring quarter. In order to be included in the Freshman Honor Roll the student must maintain a cumulative grade point average of not less than 2.01 while completing his first three quarters of college work. When determining eligibility for the Freshman Honor Roll, one quarter's work is interpreted to consist of 15 credits, exclusive of Physical Education Activities.

Key. Key was organized to promote high standards of scholarship. In order to be admitted to Key the student must: (a) maintain a cumulative grade point average of not less than 2.01 while completing not less than six quarters of college work; (b) maintain a cumulative grade point average of not less than 2.01 while completing not less than three quarters of work at the Eastern Washington College. When determining eligibility for Key membership, one quarter's work is interpreted to consist of 15 credits, exclusive of Physical Education Activities.

Senior Honors. The names of graduates who qualify for senior honors are read at the commencement exercises of the College. Seniors whose cumulative grade point averages are not less than 2.75 are graduated with Highest Honors. Seniors whose cumulative grade point averages are 2.50 and above, but below 2.75, are graduated with High Honors. Seniors whose grade point averages are 2.25 and above, but below 2.50, are graduated with Honors.

Grade Point Averages are computed on the basis of 3 grade 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 point average is the quotient of total grade points divided by the total quarter hour credits in which the grades A, B, C, D, and Failed are received.

INDEPENDENT STUDY

The Eastern Washington College provides independent study opportunities for superior students.

A student who has earned 75 or more credits with a cumulative grade point average of 2.00 or better is eligible to apply to the Registrar for independent study privileges. The faculty committee which acts upon the application consists of the Registrar, the Dean of Men, and the Dean of Women.

A student who continues to maintain a grade point average of 2.00 after his independent study application has been approved by

the committee may engage in independent study in one course each quarter of his junior and senior years provided the instructor of the course chosen feels that the nature of the course and the student's abilities make independent study a suitable procedure. An instructor who has accepted a student for independent study has authority to make appropriate substitutions for class attendance, examinations or other features of the course affected.

LABORATORY SCHOOLS

The purpose of the Laboratory Schools is to help the student teacher to become a thoughtful and alert student of education as well as 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.

LIBRARY

The college library is housed principally in the new Hargreaves Library completed and occupied in 1940. The library consists of about 59,000 volumes of catalogued books and several smaller collections of other kinds of reading matter. The book collection is composed, in the main, of fairly recent books, having been acquired since the complete destruction of the original library by fire in 1913.

The main book collection in the library building is a reference and circulating collection of 52,000 volumes, including 4,200 volumes of bound magazines. In addition, there is a pamphlet file of 2,250 items, 4,600 uncatalogued U. S. and Washington state documents, and 7,700 issues of unbound periodicals. Nearly 200 periodicals and daily newspapers are received regularly.

The building and the loan desks are open daily 8 a. m. to 5 p. m., and 7 p. m. to 9:45 p. m. Monday through Thursday.

The collection of Northwest Americana contains some 1,500 volumes covering the period of discovery, the fur trade, the first missionaries, early settlements, mining and ranching, the experiences of the pioneers, etc. There are complete files of the northwest historical magazines, several volumes of early newspapers, over a thousand typewritten transcripts from early newspapers and periodicals, a number of unpublished manuscripts, and many maps of the territorial periods. In connection with the Northwest collection, microfilm production and reading equipment have been installed.

A children's library of 6,400 volumes is housed in Martin Hall, the laboratory school. A number of reference works for both teachers and pupils are provided. Fourteen periodicals are received for the use of the children. The library has the Keystone and Underwood visual sets, and a file of 3,000 mounted pictures.

The branch library of the Industrial Arts department is kept in the office of the department in the Industrial Arts building. It now contains approximately 1,300 volumes, including a number of industrial art periodicals.

The Geography department has assembled an auxiliary library collection of its own, much of which will eventually become part of the college library. This collection is now shelved in the offices and store rooms of the Geography department, and is maintained for the use of both teachers and students of geography. It contains more than 1,400 issues of unbound periodicals, 2,600 pamphlets, 1,300 U. S. and state documents, 100 books, 300 single maps, and folios of U. S. Geological Survey maps.

LOAN FUND

The Students' Loan Fund has come from many sources—student donations, receipts from entertainments, gifts from public-spirited citizens, and interest accumulations.

While it is not possible completely to finance a student through any large part of his course, it serves a very useful purpose in bridging over many difficulties of a limited or temporary character. Students in the junior and senior years may borrow up to \$50.00 and sophomore students may borrow \$25.00. Freshmen are not eligible to borrow from the fund.

The signature of a responsible party is necessary in addition to that of the borrower. The length of time the loan may run is twelve months and the interest rate is 6%.

LOCATION

Cheney 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 two motor bus lines. 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

The Eastern Washington College offers a well-rounded curriculum in both applied music and music theory. The A Cappella Choir, the College Band, the College Chorus, the College Orchestra, and other ensemble groups provide opportunities for rich experience in vocal and instrumental music.

The A Cappella Choir takes several concert trips during the fall and spring quarters and many music programs are presented by the various ensemble groups on the campus each year. The uniformed College Band frequently appears in concert and represents the college at major athletic contests and other events.

Euphonia, the 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 or Violin.

Included in the music equipment of the college is a 3-manual Kimball pipe organ, a Steinway concert grand piano, 4 small grand pianos, 10 upright pianos, 8 violins, 3 violas, 2 violoncellos, 3 string basses, 6 clarinets, an oboe, a bassoon, 2 trumpets, a trombone, 2 alto horns, a mellophone, a French horn, a tuba, a sousaphone, a complete percussion outfit (2 bass drums, 2 street drums, orchestra drums and bells, tympani and cymbals), an electric orthophonic Victrola, a library of 500 phonograph records, and a large library of standard choral, orchestral, and band music. There are adequate class rooms, rehearsal rooms, practice rooms and studios for instruction in piano, violin, and voice, as well as wind and stringed instruments.

PHYSICAL AND HEALTH EDUCATION

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

Physical education, physiology, general and personal hygiene, sanitation, and the study and application of corrective exercises are given proper emphasis.

All students are required to take a health examination each year. Three hours a week of physical education activity courses are required of each student for 11 quarters.

PLACEMENT OFFICE

All recommendations to teaching positions are made through the Placement Office. Each student is required during the last quarter before graduation to leave with the Placement Office 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. School boards, principals, and superintendents who are in need of teachers should communicate with the Director of Public Relations.

Teachers certificated by other teacher education institutions may enroll with the Placement Office when they have completed two quarters' work at the Eastern Washington College.

Checks or money orders for placement service are made payable to the Bursar.

QUARTER SYSTEM

The college 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.

SCHOLARSHIPS AND PRIZES

The Ralph Earle Tije, Junior, Memorial Scholarship. Dr. and Mrs. Ralph E. Tije offer an annual scholarship of \$100.00 to an English or Speech minor who completes the senior year in residence. Awarded upon recommendation of the Division of Languages and Literature, and payable at the end of each quarter. Established 1934.

The Music Faculty Scholarships. Each year members of the music faculty of the college offer scholarships in voice, wind instruments, stringed instruments, and piano. The scholarships entitle the holders to individual instruction for three quarters. The members of the department of music of the college faculty constitute the committee in charge. Established 1938.

The Euphonia Scholarships. 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.

The Associated Women Students Scholarship. The scholarship of \$10.00 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.

The Tawanka Alumnae Scholarship. Two awards of \$10.00 each are made by the Spokane Tawanka Alumnae group each year. The awards are granted to active club members for outstanding service to the organization and to the college. The committee in charge consists of Dean Nelson, Miss Pearson, and Mr. Pence. Established in 1938.

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, cooperation, inspiration, and leadership. The respective varsity teams choose the outstanding players of the season. Established 1933.

The Scarlet Arrow Achievement Award. On the basis of character, achievement, leadership, and self-support, a cup is awarded to a student in his junior or senior year by the Scarlet Arrow. The committee in charge consists of Dean Nelson, Dean Botsford, Mr. Wallace, Miss Dustin, and Mr. Woodward. Established 1933.

SPECIAL EDUCATION CREDENTIAL

The State has set up a program of Special or Remedial Education whereby an elementary school with 300 children is entitled to a remedial room. Special state funds have been appropriated to help maintain these remedial rooms and pay especially prepared teachers higher salaries.

Dr. Florence Heisler, a specialist in remedial education trained at New York University, has been employed to train remedial teachers at the Eastern Washington College. Approximately \$700 worth of equipment has recently been added to the College diagnostic and testing laboratory.

The Special Education Credential required of remedial teachers is issued by the state department of education upon the completion of the following courses:

Speech Clinic	5 credits
Psychology of Adjustment	5 credits
Diagnostic Techniques and Measurements	3 credits
Remedial Reading	3 credits
Remedial Arithmetic	2 credits
Arts and Crafts	5 credits
Directed Observation and Teaching in a Typical Remedial Class	5 credits
Sight Saving	2 credits
	—
Total	30 credits

SPECIAL STUDENTS

Special students are those enrolled in not more than two courses exclusive of Physical Education Activities (P. E. 4 or P. E. 13), or for not more than six credits exclusive of Physical Education Activities (P. E. 4 or P. E. 13). The enrolment fee for special students is \$2.00.

STUDENT LIVING

The Eastern Washington College regards comfortable, healthful, and congenial living conditions for students as very important. Living conditions of the right kind not only aid students to do the best work in their studies but also through the experience of group life contribute to the building of character and personality. Hence, careful consideration is given to proper living conditions for students through provision of institutional halls of residence on the campus and through supervision of living conditions of students outside the dormitories.

Dormitories. Halls of residence are maintained for both men and women students of the college. The men live at Sutton Hall and the women at Senior and Monroe Halls. Students are not permitted to board off-campus while living in a dormitory.

The object of the halls is to provide comfortable democratic living conditions conducive alike to successful academic achievement

and to complete participation in the wholesome activities of campus life. Living conditions within the halls are made as nearly like those of a good modern home as possible. In addition, the method of government, the distribution of responsibility, and the opportunities for sharing in all the privileges and activities of a congenial social group are such as to promote social coherence and develop college spirit.

Beds, mattresses, pillows, pillow cases, sheets, chairs, study tables, chiffoniers or dressing tables are furnished. Students provide their own study lamps, irons, towels, bed spreads, and bedding. Occupants care for their own rooms. Bath, trunk room space, and laundry facilities are provided.

Dormitory Rates. Board and room at the halls of residence for 1945-46 is as follows: Fall quarter \$86.10 (less a deduction of \$2.56 allowed those who leave the campus during Thanksgiving recess); Winter quarter \$76.65; Spring quarter \$78.75. No reduction is made for week-end absences. Four-fifths of the board is deducted for vacations or absences on account of illness of more than three days. Guest rates are as follows: breakfast or luncheon 30 cents; dinner 50 cents.

Payments for board and room are made monthly in advance. The first month's payment must accompany the minimum, laboratory, and course fees which are paid at the beginning of the quarter in accordance with the student's fee payment appointment number. When a student leaves at the end of the quarter, the \$5.00 deposit is deducted from his last payment.

Board and room can also be secured at reasonable rates in private homes off-campus. For information, address the Dean of Women, or the Dean of Men.

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 previous 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 college 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.

The first meal in the 1945 fall quarter will be breakfast on Monday, September 24, but the rooms in all dormitories will be ready for occupancy Sunday morning, September 23.

Checks for room deposit should be made payable to the Bursar. Assignment of rooms will not be made until Friday before the quarter opens. Room reservations are not transferable.

Separate deposits and reservations are required for the summer quarter.

Dormitory Withdrawals. 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 is forfeited.

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

Off Campus Living. 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.

SUMMER QUARTERS

The fourth quarter of the college year is known as the Summer Quarter.

All types of work offered in the other quarters of the year are given in the summer. Since emphasis is placed upon the junior and senior years, teachers are provided excellent opportunities to progress professionally.

For complete information write the Registrar.

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. Transcript fees must be paid in advance.

CURRICULUM

The Eastern Washington College emphasizes the needs and interests of the individual student whether he or she is preparing to teach or has another major in mind. Varied types of requirements, opportunities for specialization, and flexibility in curricular administration enable the candidate for teaching certification, as well as the non-education major, to exercise many choices.

In arranging schedules students who have definitely or tentatively decided to qualify for elementary teaching certification follow Plan A which is outlined below. Plan B is designed for persons who have not chosen a major or who have decided upon a field other than elementary education.

The successful candidate for graduation is granted the degree of **Bachelor of Arts in Education** and a teaching certificate which is valid in the elementary and junior high schools of Washington for three years. The courses which are required are from three groups: (1) **general**—to provide a liberal education foundation; (2) **education major**—to develop familiarity with educational theory and proficiency in educational practice; and (3) **electives**—to give an opportunity for specialization and choice.

Plan A

GENERAL REQUIREMENTS

The required courses in this group are designed to provide the student with a broad foundation of general knowledge upon which to build a functional professional education. The aim is to develop understanding and appreciation of the physical, organic, social, and aesthetic environments as well as certain fundamental skills. General requirements are conveniently summarized under three headings: (1) humanities; (2) natural sciences; and (3) social studies.

The following required **Humanities** courses are intended to develop an appreciation of some of the fine arts and to provide the individual with tools to express himself clearly and forcibly when speaking or writing:

Art 1	Introduction to Art	4 credits
Eng. 1, 2 3	English Composition	9 credits
Eng. 4	Cultural Backgrounds	4 credits
Music 1	Music Theory I	5 credits
Speech 11	Remedial Speech	0 credits
Speech 51	Speech Fundamentals	3 credits

The following required **Natural Sciences** courses attempt to develop adequate concepts of health, man's place in the physical world, the origin and nature of organic life, and the most fruitful methods of scientific inquiry:

Biol. 2	Introduction to Biology.....	4 credits
Home Ec. 56	Nutrition	3 credits
Math. 1	Mathematics Fundamentals	3 credits
Natural Sciences Option.....		4 credits
P. H. E. 1	Health Fundamentals	3 credits
Phy. Sci. 3	Survey of Physical Sciences.....	4 credits

The following required **Social Studies** courses stimulate critical awareness of contemporary American society's problems through study of the social processes, the economic order, and the problems of government as well as man's behavior, his systematic thinking, and his adjustment to natural environment:

Ec. Bus. 62	Principles of Economics.....	5 credits
Geog. 1	Elements of College Geography.....	4 credits
Geog. 57	Northwest Geography	3 credits
Hist. 1, 2	Survey of U. S. History.....	10 credits
Hist. 63	Washington State History and Government.....	4 credits
Phil. 51-53	Introduction to Philosophy or Ethics.....	5 credits
Pol. Sci. 67	American Government	5 credits
Psych. 1	General Psychology	5 credits
Soc. 61	General Sociology	5 credits

EDUCATION MAJOR REQUIREMENTS

The required courses in this group are designed to give the prospective teacher the fundamental concepts and basic skills which are essential for effective teaching in elementary and junior high schools. Theory and practice are integrated by emphasizing observation, curricular problems, and "student teaching" after the student has examined the social, psychological, and historical foundations of education. After studying the place of education in a democratic society and how children develop, learn, and adjust, the student spends the whole of each school day for twelve weeks doing student teaching under careful supervision.

The term "Education Major" is used to designate both the student who plans to qualify for the degree of **Bachelor of Arts in Education** and those courses which are especially designed to develop competence in educational theory and practice. The required courses which make up the Education Major are as follows:

Art 181	Public School Art.....	3 credits
Ed. 134	Social Foundations of Education.....	5 credits
Ed. 152	Historical Foundations of Education.....	3 credits
Ed. 155	Psychological Foundations of Education.....	5 credits
Ed. 178	Public School Curriculum.....	7 credits
Ed. 182	Washington School System.....	3 credits
Ed. 191-4-8	Student Teaching	15 credits
I. Ed. 102	Public School Industrial Education.....	3 credits
Music 101	Public School Music.....	3 credits
P. H. E. 146	Public School Physical and Health Education.....	3 credits

ELECTIVE REQUIREMENTS

This group consists of 38 credits including either two minors of 12 credits each or one minor of 24 credits, and 14 credits in free electives. A minor consists of 12 or 24 credits which the student chooses

from one of the fields of instruction offered by the college. The only limitation on the choice of free electives is that of "prerequisites." For example, the completion of the first year of a language is prerequisite to enrolment in the second year of that language.

The fields from which the student chooses minors or a minor are:

Art
 Biology
 Chemistry
 Economics and Business
 Education (*12 credit minor only*)
 Education—Psychology (*12 credit minor only*)
 English
 English—Journalism—Speech
 French
 Geography
 Geography—Geology
 German
 Librarianship (*12 credit minor only*)
 Mathematics
 Modern Languages
 Music
 Natural Sciences (*Biology, Chemistry, Geology, Mathematics, Physical Sciences*)
 Physical and Health Education
 Physical Sciences
 Political Science
 Psychology (*12 credit minor only*)
 Social Studies (*Economics & Business, Geography, History, Political Science, Sociology*)
 Sociology
 Spanish
 Speech

Each regularly enrolled student is required to take a Physical Education Activities course each quarter. Exception is made for the quarter when the student is doing Student Teaching and for the summer quarter. Each P. E. Activities course meets 3 hours each week and carries one credit. For such reasons as health, physical deficiency, or age, the Division of Physical and Health Education, the student's Dean, and the Registrar have authority to excuse the student from registering in a P. E. Activities course for a given quarter.

SEQUENCE OF COURSES

The sequence of courses employed by the college is designed to provide sufficient flexibility to fit the needs and interests of the individual student.

General or liberal education is emphasized in the freshman and sophomore years, while professional requirements and specialization opportunities are stressed in the junior and senior years. However,

some general requirements can be deferred until the junior year, and some electives and education major requirements can be completed during the sophomore year. For certain courses either the freshman or sophomore year is ordinarily appropriate especially if the choice of a minor is involved.

Most minors should be taken during the junior and senior years, but some should be begun during the sophomore or freshman year. In some cases individual preferences are the best guide as to when minor and free electives should be taken. Some courses which are originally taken for free elective purposes may later be applied toward the satisfaction of minor requirements and vice versa.

Some courses cannot profitably be taken until they are preceded by others which are termed "prerequisites." For example, the completion of all general requirements is prerequisite to enrolment in the following Education courses:

Ed. 134	Social Foundations of Education
Ed. 152	Historical Foundations of Education
Ed. 155	Psychological Foundations of Education
Ed. 178	Public School Curriculum
Ed. 182	Washington School System
Ed. 191-4-8	Student Teaching

Further details regarding sequences are included in the following outline:

GENERAL REQUIREMENTS

Art 1	Introduction to Art.....	4 credits
	(Should be taken during Freshman year by students especially interested in Art.)	
Ec. Bus. 62	Outlines of Economics.....	5 credits
	(Should be taken during Freshman year by students especially interested in Social Studies.)	
Eng. 1, 2, 3	English Fundamentals	9 credits
	(Must be taken during Freshman year. Superior students substitute Eng. 10, 11, 12.)	
Eng. 4	Cultural Backgrounds	4 credits
	(Is taken by Sophomores. Students with credit in Eng. 12 substitute Eng. 30.)	
Geog. 1	Elements of College Geography.....	4 credits
	(Should be taken during the first quarter of Freshman year by students especially interested in Geography.)	
Geog. 57	Northwest Geography	3 credits
	(Should be taken by Freshmen especially interested in Geography. Must be preceded by Geog. 1.)	
Hist. 1, 2	Survey of U. S. History.....	10 credits
	(Should be taken during Freshman year by students especially interested in History or prerequisite to Hist. 63.)	

Hist. 63	Washington State History and Government.....	4 credits
	(Recommended for Sophomore year.)	
Home Ec. 56	Nutrition	3 credits
	(Should be taken during Freshman or Sophomore year.)	
Math. 1	Mathematics Fundamentals	3 credits
	(Students may substitute another Math. course for Math. 1 or qualify for exemption from Math. 1 by passing Math. test.)	
Mus. 1	Music Theory I.....	5 credits
	(Students may qualify for exemption from Mus. 1 by passing music test. Should be taken during Freshman year by students especially interested in Music.)	
Philosophy Option	.....	5 credits
	(Requirements may be satisfied by Phil. 51 Introduction to Philosophy or Phil. 53 Introduction to Ethics. Phil. 51 and 53 not open to Freshmen.)	
P. H. E. 1	Health Fundamentals	3 credits
	(Should be taken during Freshman year by students especially interested in Physical and Health Education.)	
Pol. Sci. 67	American Government	5 credits
	(Should be taken during Freshman year by students especially interested in Social Studies.)	
Psych. 1	General Psychology	5 credits
	(Recommended for Sophomores; may be taken by Freshmen. Prerequisite to all other courses in Psych. and Education.)	
Science and Mathematics	.....	12 credits
	(Requirement may be satisfied by one-year sequence in Mathematics, Botany, Chemistry, Physics, or Zoology OR by Biol. 2, Phy. Sci. 3, and one quarter of Biology, Chemistry, Geology, Mathematics, or Physics.)	
Soc. 61	General Sociology	5 credits
	(Should be taken during Freshman year by students especially interested in Social Studies.)	
Sp. 11	Remedial Speech	0 credits
	(Students may qualify for exemption from Sp. 11 by passing voice test.)	
Sp. 51	Speech Fundamentals	3 credits
	(Should be taken during Freshman year by students especially interested in Speech.)	
TOTAL, exclusive of Physical Education Activities....		92 credits

EDUCATION MAJOR REQUIREMENTS

Art 181	Public School Art	3 credits
	(Should be taken during Senior year.)	
Ed. 134	Social Foundations of Education	5 credits
	(Should be taken during Junior year. Prerequisite to Preteaching.)	
Ed. 152	Historical Foundations of Education	3 credits
	(Taken during Senior year.)	
Ed. 155	Psychological Foundations of Education	5 credits
	(Should be taken during Junior year. Must precede or accompany Ed. 134.)	
Ed. 178	Public School Curriculum	7 credits
	(Prerequisite to Student Teaching and should be taken in Senior year or last quarter of Junior year immediately preceding Student Teaching.)	
Ed. 182	Washington School System	3 credits
	(Taken during Senior year.)	
	Student Teaching Option	15 credits
	(Requirement may be satisfied by L. S. 191 or 194 or 198. Should immediately follow Preteaching. Senior standing prerequisite.)	
I. Ed. 102	Public School Industrial Education	3 credits
	(Taken during Senior year.)	
Mus. 101	Public School Music	3 credits
	(Should be taken during Senior year except by Music Minors, who may take it as early as Sophomore year.)	
P. H. E. 146	Public School Physical Education	3 credits
	(Taken during Senior year.)	
	TOTAL, exclusive of Physical Education Activities	50 credits

ELECTIVE REQUIREMENTS

Minors	24 credits	
	(12 credits in each of two fields or 24 credits in one field. Junior year recommended.)	
Free electives	14 credits	
	(Senior or Junior year recommended.)	
	TOTAL, exclusive of Physical Education Activities	38 credits

Plan B

Objectives. Plan B is designed for those students who have quite definitely decided not to qualify for elementary teaching certification. Such students find a wide variety of arts and sciences, pre-professional and pre-technical courses open to them at the Eastern Washington College. Plan B meets the needs of those students who: (1) wish to transfer to universities and other colleges after completing two years' work at Cheney; (2) need two years of college work in order to qualify for admission to war work; (3) desire a college education but have not chosen a major field; or (4) plan to complete only two years of college work.

The student who has not made a decision as to which curriculum he wishes to complete may take basic courses which will: (a) aid him to make an intelligent choice of a profession or major field; (b) provide a foundation for later specialization, or (c) insure a good general education. If such a student desires to enter the teaching profession he may remain at the Eastern Washington College for his junior and senior years. Students who plan to complete only two years of college work may secure two years of general education at Cheney and also have some opportunity to specialize.

Pacific Coast colleges and universities which offer professional, technical, or arts and sciences curricula accept Eastern Washington College credits toward sophomore or upper division requirements. Most students who plan to transfer to other colleges find it profitable to remain at Cheney two years before transferring.

Schedules. The class schedules of students who are following Plan B are in every instance planned to meet individual needs. Registrar G. W. Wallace and Assistant Registrar O. O. Pence serve as advisers. All students are required to take a Physical Education Activity course (P. E. 4 or P. E. 13) each quarter.

CURRICULAR REGULATIONS

Credits. Credits are reckoned in terms of recitation periods. The net length of each recitation period is 50 minutes. One credit requires one class period a week for one quarter. Forty-five credits exclusive of Physical Education Activities (P. E. 4 or P. E. 13), constitute one year's work. In laboratory work two fifty-minute periods are required for one credit hour.

Grade Point Average. Students must have a cumulative grade point average of 1.00 or better in order to enroll in any professional course or to graduate from the college. Professional courses are all those in psychology, education and laboratory schools except "Psych. 1 General Psychology." Extension and correspondence credits are not counted in this reckoning.

The grade point average is the quotient of total grade points divided by the total quarter hour credits in which the grades A, B, C, D, and Failed are received. Grade point averages are computed on the basis of three grade 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 grades of "Incomplete," "S," and "W" are disregarded in the computation of points.

Standard Load. The standard student load per quarter is 15 credits exclusive of Physical Education Activities (P. E. 4 or P. E. 13).

Overload. Students who wish to carry more than a standard load must secure permission from the registrar. Permission is based upon either the student's cumulative grade point average for three previous quarters or the student's cumulative grade point average for all of his previous quarters as follows:

The student whose average is from 1.00 to 1.49 inclusive is permitted to carry 17 credits exclusive of Physical Education Activities (P. E. 4 or P. E. 13); the student whose average is from 1.50 to 1.74 inclusive is permitted to carry 18 credits exclusive of P. E. Activities; the student whose average is from 1.75 to 1.99 inclusive is permitted to carry 19 credits exclusive of P. E. Activities; and the student whose average is 2.00 is permitted to carry 20 credits exclusive of P. E. Activities.

Academic Probation. The following students are placed on academic probation: (1) those who ranked in the lowest fourth of their high school graduating classes and are registering for or during the first quarter of their Freshman year; (2) graduates of unaccredited high schools who are registering for or during the first quarter of their Freshman year; and (3) those who have a cumulative grade point average below 1.00 and did not make a grade point average of at least 1.00 the preceding quarter.

The registration of students who have been placed on academic probation is regulated as indicated in the three following paragraphs:

(1) A student who ranked in the lowest fourth of a high school graduating class may not register for more than 12 credits, exclusive of Physical Education Activities, during the first quarter of his Freshman year.

(2) A graduate of an unaccredited high school may not register for more than 12 credits, exclusive of Physical Education Activities, during the first quarter of his Freshman year.

(3) A student who has a cumulative grade point average from .75 to .99, inclusive, and who did not make a grade point average of at least 1.00 the preceding quarter may not register for more than 14 credits, exclusive of Physical Education Activities. A student who has a cumulative grade point average below .75, and who did not make a grade point average of at least 1.00 the preceding quarter may not register for more than 12 credits, exclusive of Physical Education Activities.

Note: In case a low grade point average is due to a major illness academic probation may be waived by permission from the Dean of Men or the Dean of Women.

Disqualification. A regular student who fails to earn 8 credits (exclusive of Physical Education Activities) in a given quarter is prohibited from attending the College during the succeeding quarter. A disqualified student must be reinstated by the Committee on Scholastic Standing in order to attend the College after one quarter has elapsed.

Absences. Students who, without excuse previously secured from the Dean of Men or Dean of Women and presented to the instructor before the absence occurs, absent themselves from the last class meeting on their schedules before vacation or the end of a quarter, or the first class meeting on their schedules after vacation (except when such first class is the opening class of a new quarter) are fined \$1.00 for each class so missed, and no credits for the quarter in which the offense occurred are issued until the fine is paid.

Absence from a final examination entails a grade of Incomplete which must be removed by the fourth Friday of the following quarter. In order to remove an incomplete caused by absence from a final examination the student must pay a fee of \$1.00 and successfully petition the Committee on Scholastic Standing for permission to take a special examination. Final examinations are given during the last week of the fall, winter and spring quarters in accordance with a schedule announced by the registrar's office.

Grading Scale. The grading scale is A (superior); B (excellent); C (average); D (below average); Failed; Incomplete; S (satisfactory); W (withdrawn).

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. An "Incomplete" may be converted into a passing grade not later than the fourth Friday after the beginning of the next succeeding quarter following the quarter for which the incomplete was given.

Residence. No student may graduate from the college with less than a year (3 quarters) of attendance and 45 credits earned in residence. The last quarter or term of the student's work preceding graduation must be done in residence at the Eastern Washington College.

Extension and correspondence courses must be completed outside of the residence quarters and may not be counted as being done in residence.

Graduation Candidacy. Candidates for graduation are required to file with the Registrar, not later than two weeks after the opening of the third quarter preceding graduation, copies of their proposed schedules of courses for the three quarters preceding graduation. Graduation candidates are also required to file with the Registrar, not later than two weeks after the opening of the last quarter preceding graduation: (1) a formal application for graduation; (2) an oath of allegiance bearing the applicant's notarized signature; and (3) the receipt for the applicant's graduation fee of \$5.50. The application and oath forms are secured at the Registrar's office and the graduation fee is paid at the Bursar's office. The Bursar will notarize the applicant's signature on the oath form.

Professional Course Prerequisites. In order to enroll in any professional course the student must have a cumulative grade point average of 1.00. All courses in education and psychology except "Psych. 1 General Psychology" are professional courses.

Before enrolling in "Student Teaching" the student must satisfy the "Sp. 11 Remedial Speech" and Math. 1 Mathematics Fundamentals course requirements.

Voice Test. All students who have not previously taken the Voice Test are required to do so during the fall quarter of each year. The Voice Test must be taken by all regular students, whether or not they are preparing to teach.

A fine of fifty cents is imposed upon students who fail to keep Voice Test appointments arranged by the Division of Languages and Literature. Any student who is required to pay the fine may not complete his registration for the next quarter until fine is paid.

COURSE DESCRIPTIONS

In the following section of the catalog will be found descriptions of courses offered by the College.

The fields of instruction are arranged in alphabetical order.

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

ART

ASSISTANT PROFESSORS GINGRICH, SWERER, WILEY

NOTE: All courses in Art except Art 1 and Art 181 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Art 1. Introduction to Art. The art of color and form; its place in life, education, and the school. Emphasis upon organization and pattern design with crayon, chalk, pencil, charcoal, etc. All quarters. Four credits. Staff.

Art 117. Design and Color. The purpose of this course is to give to the teacher-guide a practical working knowledge of the principle of harmony in the use of design and color. Media commonly used by children are employed in working out problems for use in school. Fall, winter and summer quarters. Four credits. Staff.

Art 119. Guidance in Creative Activity. Planned to meet the needs of the teacher who wishes the children under her guidance to achieve the fullest growth and development possible through creative experience in art. Practical knowledge and understanding of the psychology and educational philosophy determining child guidance; use of illustrative material; a limited amount of individual experience in creative art. Winter quarter. Three credits. Gingrich.

Art 123. Primary Construction. Construction of a simple problem directly usable in the primary grades and rural schools. Emphasis placed upon building according to the principle and laws of organization. Spring and summer quarters. Three credits. Gingrich, Swerer.

Art 125. Painting and Sculpture. A course for the development of self-expression through painting and sculpture, directly applicable to the needs of the elementary teacher-guide. Spring quarter. Three credits. Wiley.

Art 127. Art Organization. A study of the philosophy, psychology and practice of the principles and laws of organization as revealed in the art procedure. Practice in developing the ability to organize units of work which are designed for application to the integration method of learning. Consideration of the color-form art as a method of free creative expression of the child's intellectual, emotional and spiritual initiative. Text: Development Course of Study. Fall, spring and summer quarters. Four credits. Swerer.

Art 150. Elementary Crafts. Construction and application of pattern contour design to bookbinding, basketry and other crafts. Four credits. Winter quarter. Wiley.

Art 153. Blackboard Sketching. A course in sketching on the blackboard, utilizing various methods. Spring and summer quarters. Two credits. Swerer.

Art 155. Pottery. A course in pottery and ceramic sculpture. Fall quarter. Four credits. Wiley.

Art 157. Puppetry and Related Arts. The construction of puppets, masks, shadow forms and stage sets. Emphasis is placed upon art structure. Fall quarter. Three credits. Gingrich, Wiley.

Art 159. Color. The theories of color; color combinations applicable to costumes, interior decoration and ornament. Winter quarter. Three credits. Swerer. Staff.

Art 160. Recreational Activities. A craft course adapted particularly to the use of crafts for hobbies, recreational and therapeutic purposes. Spring and summer quarters. Three credits. Staff.

Art 161. Water Color. The development of pictorial composition and color quality through the use of various techniques and processes relative to water color as a medium. *Prerequisite: Art 1.* Fall quarter. Three credits. Wiley, Swerer.

Art 163. Oil Painting. A course in which the medium for expression is oil paint. Composition is emphasized. Winter quarter. Three credits. Wiley.

Art 165. Lettering. Manuscript, broad pen, and poster lettering. This course may be combined with Art 167. Winter quarter. Two credits. Staff.

Art 167. Commercial Design. Pen and ink illustration, poster making and other types of advertising. *Prerequisite: Art 117.* Fall quarter. Four credits. Staff.

Art 169. Figure Drawing. Advanced drawing, working from the draped figure. *Prerequisite: Art 1.* Fall quarter. Three credits. Staff.

Art 171. Small Sculpture. Sculpture in small size made from wood, stone, soap, etc. Spring quarter. Three credits. Wiley.

Art 173. 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 quarter. Three credits. Staff.

Art 175. Picture Study. A course for the development of appreciation of pictures through the study of personal emotion-reaction, structural form, historical significance, personality of artist and the

subject with consideration of methods of presentation in the elementary school. Fall quarter. Three credits. Swerer.

Art 177. 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. Two and one-half credits. Swerer.

Art 179. History of Art. The course is based upon the understanding that "Art is the index to the characteristics of races, nations and individuals." Architecture is given the main place in the course. Winter quarter. Four credits. Swerer.

Art 181. Public School Art. Practical study of the work in art which is directly applicable to the problems of the elementary and junior high schools. *Prerequisite: Art 1.* All quarters. Three credits. Staff.

Art 183. Student Teaching in Art. Teaching under supervision in the Laboratory School. Fall, winter and spring quarters. Three credits. Gingrich.

Art 185. Advanced Crafts. Application of decorative and contour design. Wood-blocking, dyeing, weaving, leather work, book-making and art metal. *Prerequisites: Art 117 and 150.* Spring and summer quarters. Four credits. Wiley.

Art 187. Advanced Design and Color. The principle and laws of organization as applied to the constructive pattern and contour design expressed through color. *Prerequisite: Art 117.* Fall and summer quarters. Four credits. Staff.

Art 189. Illustrative Drawing. Practice in illustrative drawing through problems in pictorial composition. Study of technique with pen and ink, pencil, wash, and other media. Winter quarter. Three credits. Wiley.

Art 194. Arts and Crafts for Handicapped Children. A selection of arts and crafts, the making of which physically, mentally, and socially helps to restore the handicapped child to his normal place in society. Fall and summer quarters. Five credits. Swerer.

Art 195. Philosophy of Art. A course designed to help to establish and to expand the meaning of art—thereby making it more practical and adaptable to the problems of living. Winter quarter. Three credits. Swerer.

BIOLOGY

PROFESSOR HUNGATE

NOTE: All courses in Biology except Biol. 2 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Biol. 2. Introduction to Biology. An elementary course, which includes a survey of the most significant plant and animal groups, the interrelations of the two kingdoms and their connection with human welfare. Some time also is devoted to genetics and its implications. Fall quarter. Four credits. Hungate.

Biol. 20. Boy Scout Leadership. Given in conjunction with the Inland Empire Council, Boy Scouts of America. Training in scoutcraft and the organizing and conducting of a troop. A certificate is presented to each man completing the course. Spring quarter. One credit. Hungate.

Biol. 51, 52, 53. Zoology. Structure and natural history of the invertebrates. Structure, physiology and classification of the vertebrates, using selected types for laboratory work. The different vertebrate groups with reference to their ecological and taxonomic relationships, including field work and preparation of specimens. Fall, winter and spring quarters. Four credits a quarter. Hungate.

Biol. 61, 62, 63. Botany. A study of the thallophytes, bryophytes and spermatophytes in relation to their structure, ecology and importance. Elementary taxonomy of the spermatophytes. Field work is required in the spring quarter. Fall, winter and spring quarters. Four credits a quarter. Hungate.

Biol. 109. Field Biology. Identification, natural history and ecology of some of the most common plants and animals of the region, particularly birds, insects, conifers and flowering plants. Field work required. Spring quarter. Three credits. Hungate.

Biol. 112. Applied Botany. Study of the plant kingdom primarily from the standard of the importance of its members to man. The emphasis is placed upon higher plants and includes their medicinal, cultural, ornamental and general economic value. Fall quarter. Two credits. Hungate.

Biol. 114. Ornithology. Study of the birds of the region, their identification, food habits and economic importance. Field work required. Offered alternate years. Not offered in 1945-1946. Three credits. Hungate.

Biol. 116. Entomology. Structure and classification of insects. Their economic relationships and suitability for nature work in the elementary school is stressed. Spring quarter. Four credits. Hungate.

Biol. 117. Advanced Entomology. A course dealing particularly with the principles of economic entomology. Attention is also given to classification. A substantial collection is required. Periods by arrangement. Not given in 1945-1946. Spring quarter. Three credits. Hungate.

Biol. 118. Parasitology. Study of the life history, importance and distribution of the external and internal animal parasites on the basis of their grouping in the animal kingdom. Winter quarter. Two credits. Hungate.

Biol. 120. Bacteriology. Study of bacteria and other microorganisms, their growth and importance. Practice in making media, transferring cultures, staining and differential tests. Winter quarter. Four credits. Hungate.

Biol. 121. Genetics. An elementary course dealing with the principles of heredity in plants and animals. Fall quarter. Two credits. Hungate.

Biol. 122. Technique in Biology. Collection, fixation and preparation of material suitable for use in biology; including sectioning and staining; the making of charts, photography and preparation and care of aquaria and terraria. Offered alternate years. Not given in 1945-1946. Fall quarter. Two credits. Hungate.

Biol. 126. Advanced Genetics. Practical work in the development of the principles of genetics, using various forms in the laboratory. *Prerequisite:* Biol. 121. Given alternate years. Not given in 1945-1946. Fall quarter. Two credits. Hungate.

CHEMISTRY

ASSISTANT PROFESSOR TALLYN

NOTE: All courses in Chemistry may be counted toward minor requirements.

COURSE DESCRIPTIONS

Chem. 31. Everyday Chemistry. A survey course of cultural value and of special direct use to those teaching science in public schools. Alternate summers. Five credits. Staff.

Chem. 51, 52, 53. 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, spring quarters. Five credits a quarter. 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 two double laboratory periods a week. *Prerequisites:* Chem. 51, 52, 53. Fall and winter quarters. Four credits a quarter. Tallyn.

Chem. 107, 108, 109. Organic Chemistry. An introduction to the chemistry of carbon compounds, including the principles of organic chemistry and methods of preparation and properties of the typical and more important inorganic 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. 51, 52, 53. Fall, winter, spring quarters. Five credits a quarter. Tallyn.

Chem. 110, 111. Quantitative Analysis. Gravimetric and volumetric analysis; stoichiometrical relations. These courses run in sequence and should be begun in the spring quarter. Two class periods and two double laboratory periods a week. *Prerequisites:* Chem. 51, 52, 53. Spring quarter. Four credits a quarter. Tallyn.

ECONOMICS AND BUSINESS

ASSISTANT PROFESSORS DAYTON, NELSON, STEWART

NOTE: All courses in Economics and Business except Ec. B. 62 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Ec. Bus. 14, 15, 16. Typewriting. Fundamentals of typewriting. Techniques of writing, operating and caring for the machine. Development of speed. Arrangement and typing of outlines, term papers, personal letters, manuscripts, business letters, etc. Ec. Bus. 14 is not open to students who have earned typewriting credits in high school or college. Ec. Bus. 14 or not more than one semester of high school typewriting is prerequisite for Ec. Bus. 15. Ec. Bus. 14, or 15, or equivalent is prerequisite for Ec. Bus. 16. Fall, winter, spring quarters. Two credits a quarter. Staff.

Ec. Bus. 20, 21, 22. Shorthand. A service course for teachers and students. Students beginning in the fall quarter must continue throughout the year. Fall, winter, and spring quarters. Three credits a quarter. Staff.

Ec. Bus. 23. Advanced Shorthand. A course in dictation and transcription with a review of the principles of shorthand. Fall quarter. Four credits.

Ec. Bus. 51. Elements of Accounting. An introduction to the study of accounting with consideration of the functions of accounts, business statements, books of original entry, business forms and papers. Winter quarter. Four credits. Not offered in 1945-1946.

Ec. Bus. 62. Principles of Economics. The evolution 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. Dayton.

Ec. Bus. 71. Statistical Analysis. The application of statistical methods to business and social problems. The interpretation, collection and presentation of statistical data. Spring quarter. Four credits. Not offered in 1945-1946.

Ec. Bus. 108. Economic History of the United States. A general survey of the economic development of the United States from Colonial times to the present; explorations and settlements, colonization, the westward movement, growth of finance, industry, commerce, transportation and labor movements. Fall quarter. Five credits. Dayton.

Ec. Bus. 123. Labor Relations. A study of labor organizations, problems and legislation. *Prerequisite:* Ec. Bus. 62. Winter quarter. Three credits. Nelson.

Ec. Bus. 125. Labor Problems and Legislation. A study of the problems of labor, including federal and state legislation, with labor

cases and materials. Fall quarter. Three credits. Not offered in 1945-1946.

Ec. Bus. 126. History and Problems of the Labor Movement. The development of the American Labor movement, the structure of unionism, demands and accomplishments of labor, the contemporary movement. Winter quarter. Three credits. Not offered in 1945-1946.

Ec. Bus. 128. Personnel Management. A study of the administration of human relations in industry, the development of employment relations, problems and methods of selecting and placing personnel, problems and methods of labor maintenance, the criteria for effective personnel management. Spring quarter. Three credits. Not offered in 1945-1946.

Ec. Bus. 130. Applied Economics. A descriptive course dealing with present day economic conditions in the United States. Social security, control of the price system, the problems of agriculture, the revenue system and the relations of government to the individual in economic matters are studied. Advanced course. Prerequisite: *Ec. Bus. 62*. Five credits. Not offered in 1945-1946.

Ec. Bus. 133. Business Law. This course aims to bring out the more important legal factors related to contracts, agency, negotiable paper, property and business organization. Prerequisite: *Ec. Bus. 62*. Winter quarter. Four credits. Not given in 1945-1946.

Ec. Bus. 135. Money and Banking. Money and banking theories and systems in principal countries of the world, with emphasis on the historical development of banking in the United States. Prerequisite: *Ec. Bus. 62*. Winter quarter. Three credits. Not offered in 1945-1946.

Ec. Bus. 137. Transportation. The evolution of transportation, particularly in the United States, the stage-coach, prairie schooner, the railroad, the automobile, and the airplane. Considerable attention to the various problems arising at different stages of this evolution. Fall quarter. Five credits. Stewart.

Ec. Bus. 141. World Economic Problems. This course deals with the search for markets and materials, imperialism, foreign investments and services, international trade, cartels, tariffs, reparations, war indemnities, lend-lease, League of Nations and internationalism, and national self-sufficiency. Spring quarter. Four credits. Dayton.

Ec. Bus. 143. America's War Economy. The war problems of man power, raw materials and basic industries, war finance, inter-allied cooperation, the war economy of neutral countries, economic demobilization and reconstruction, and postwar finance are emphasized. Winter quarter. Four credits. Dayton. Not offered in 1945-1946.

Ec. Bus. 150. Economic History of Europe. The medieval economy, the development of mercantilism, laissez-faire, the expansion of commerce and the industrial revolution are treated with particular emphasis upon England. Prerequisite: *History 121*. Five credits. Not offered in 1945-1946.

EDUCATION

PROFESSORS FRASIER, WILLIAMSON; ASSOCIATE PROFESSOR WALLACE;
ASSISTANT PROFESSORS BRYAN, HALL, McGRATH; INSTRUCTOR HEISLER

NOTE: All courses in Education except Ed. 134, 152, 155, 178, 182, 191, 194 and 198 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Ed. 51. Introduction to Education. An introduction to professional education by means of school visits and selected readings. Visits will be made to the Laboratory School and to the Junior and Senior High Schools of Cheney. Two credits.

Ed. 107. Teaching problems in the Elementary School. A seminar course for advanced students. The workshop technique is used and the student works on problems of his own selection. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; completion of all general requirements and instructor's consent. Summer quarter. Credits to be arranged. Staff.

Ed. 108. Elementary School Reading Techniques. The mental processes in reading, procedures and techniques which are most economical in teaching reading in the elementary grades. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; completion of all general requirements. Summer quarter. Two and one-half credits.

Ed. 120. Elementary School Supervision. The improvement of instruction through supervision in grades one to nine inclusive. Emphasis on this problem as related to the small school system. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; completion of all general requirements; Ed. 133 or Ed. 134; one year of teaching experience. Summer quarter. Four credits. Frasier.

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:* Junior standing; a cumulative grade point average of 1.00; completion of all general requirements; Ed. 133 or Ed. 134; one year of teaching experience. Summer quarter. Four credits. Frasier.

Ed. 131. Research in Education. An opportunity for students with adequate background and experience to make intensive and independent study of some special problems in education. Interested students should confer with Dr. Williamson before enrolling and indicate to him the nature of the study they wish to develop. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; completion of all general requirements. Credits and hours to be arranged.

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 viewpoints of leading contemporary educators. *Prerequisites: A cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Five credits. Williamson.

Ed. 134. Social Foundations of Education. The purposes of education in American democracy, the role of the teacher in the educative process, the characteristics of society that are most important in determining the character of the teaching process. The course considers those social and economic problems that are most pertinent to educational theory and methodology. The chief purpose of the course is to help the student build for himself a democratic philosophy of education. *Prerequisites: A cumulative grade point average of 1.00; completion of all general requirements. Psychology 155 completed or in progress.* All quarters. Five credits. Williamson.

Ed. 141. Educational Guidance. Principles and techniques for the discovery and direction of the individual's abilities, interests, and achievements. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Three credits.

Ed. 143. Education in the Kindergarten. Study and observation of the five-year-old child and a survey of the history, principles, procedures, and equipment as they apply to the kindergarten. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Three credits.

Ed. 147. Remedial Reading. Diagnosis of reading difficulties through the use of diagnostic devices and tests. Study of cases, clinic procedures and suggestions for remedial work. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Two and one-half credits. Summer and spring quarters. Heisler.

Ed. 149. Tests and Measurements. A short historical background of the field of tests, measurement, and evaluation, for the purpose of seeing the changing concepts of child accounting and the relationship of testing, measurement, and evaluation to changes in educational philosophy. Practice in the construction of tests, consideration of the characteristics of examinations, the use of cumulative records and case histories, and controlled observations. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Two and one-half credits. Hall.

Ed. 150. Science in the Elementary School. Consideration will be given to the function of science in an integrated program and to the place of reading, arithmetic, language and creative arts in the development of science activities. Course includes content for the classroom teacher and an opportunity to work with materials and experiments in elementary science. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Two and one-half credits. Bryan.

Ed. 151. Elementary School Social Studies Techniques. The place of Social Science in the total school program, the development of principles involved in the teaching of Social Science. An opportunity to develop units in Social Science for different grade levels. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Five credits. McGrath.

Ed. 152. Historical Foundations of Education. Furnishes background and historical perspective for viewing present trends in elementary education. The evolution of educational philosophy and the relation of the school to social change; the development of the American system of tax supported schools. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Fall and spring quarters. Three credits. Williamson.

Ed. 153. Elementary School Curricula. The objectives, content and material of the various subject matter fields of elementary and junior high schools. The "Guides for Teachers" prepared by the State Curriculum Committees constitute the basic materials for study. *Prerequisites: A cumulative grade point average of 1.00; completion of all general requirements; Psych. 155; Ed. 134.* Four credits.

Ed. 155. Psychological Foundations of Education. The educational significance of the main facts and problems of child growth. The principles of learning. The role of the culture in the shaping of personality. *Prerequisites: A cumulative grade point average of 1.00; completion of all general requirements.* All quarters. Five credits. Hall.

Ed. 162. Audio and Visual Aids. Actual practice in the use of motion picture projectors, stereoscopes, microscopes and in the taking of movie and still pictures. Planning of room museums, exhibits, bulletin boards and use of pictures and excursions. Along with the informal semi-laboratory plan of the course, a text will be used. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Two and one-half credits.

Ed. 164. Education and Contemporary Culture. With the cooperation of the various departments of the college, an effort is here made

to present an integrated view of contemporary American culture and its relation to the schools. The course aims to present the most significant aspects of American civilization, how the school was shaped by the culture and how the schools in turn help to modify the culture. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Summer quarter. Five credits. Staff.

Ed. 174. Educational Sociology. The educational significance of our society's traits, trends and tensions. Relations of educational objectives, curricula, techniques, organization and administration to domestic, economic, political, religious, aesthetic and recreational institutions. Traditions, group behavior, culture problems and foreign affairs in relation to education. The development of a social philosophy of education. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* Four credits. Wallace.

Ed. 178. Public School Curriculum. Combines former "Ed. 153 Elementary School Curricula," "L. S. 182 Elementary School Pre-teaching," and "L. S. 188 Junior High Preteaching" courses. Objectives, content, materials, and techniques in elementary and junior high subject matter fields except Art, Industrial Education, Music, and Physical and Health Education (See Art 181; I. Ed. 102; Mus. 101; P. H. E. 146). Emphasis on "Guides for Teachers" prepared by State Curriculum Committees. Lectures, discussions, assigned problems, and observation. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements; Ed. 134; Ed. 155.* Fall, winter, spring quarters. Seven credits. Bryan and Frasier.

Ed. 182. Washington School System. Designed for students in the last year before teaching to acquaint them with the chief aspects of the Washington system of public schools; the evolution from local support and control to the present condition of balance of state and local control; district, county, and state systems of administration; sources of school support; the movement toward consolidation; professional organizations. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; completion of all general requirements.* All quarters. Three credits. Barber.

Ed. 188. Directed Observation and Teaching of a Remedial Class. Students taking this course must have had or be taking "Psych. 160 Diagnostic Techniques and Special Measurements" and "Ed. 147 Remedial Reading." Diagnostic and corrective work. Two and one-half credits. Spring and summer quarters. Heisler.

Ed. 191. Kindergarten-Primary Student Teaching. Supervised teaching in the kindergarten or primary grades—one, two, three. *Prerequisites: Junior standing; a cumulative grade point average of 1.00; Ed. 134, 155, 178; Math. 1; Speech 11.* Fall, winter, spring quarters. Sixteen credits. Staff.

Ed. 194. Middle Grade Student Teaching. Supervised teaching in the middle grades—four, five, six. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; Ed. 134, 155, 178; Math. 1; Speech 11. Fall, winter, spring quarters. Sixteen credits. Staff.

Ed. 198. Junior High Student Teaching. Supervised teaching in the junior high school grades—seven, eight, nine. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; Ed. 134, 155, 178; Math. 1; Speech 11. Fall, winter, spring quarters. Sixteen credits. Staff.

ENGLISH

ASSOCIATE PROFESSOR ROBERTS; ASSISTANT PROFESSORS DICKINSON, DRESSLER, GROTH, HOLMQUIST

NOTE: All courses in English except Eng. 1, 2, 3, 4, 10, 11, 12, 30 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Eng. 1, 2, 3. Composition. Basic principles of English usage; re-productive exposition—outlines, paraphrases, digests, critical reviews, reports, investigative papers, etc. Themes and exercise work. Fall, winter, spring and summer quarters, respectively. Three credits each. Staff.

Eng. 4. Cultural Backgrounds. Comprehensive view of literary types as they reflect American cultural tendencies. Students with credit in English 12 substitute English 30 for English 4. *Prerequisite:* English 2. Fall, winter, spring and summer quarters. Four credits. Dickinson, Roberts.

Eng. 7. Writing Clinic. Diagnostic and remedial work in mechanics and the principles of organization. One conference a week by arrangement. Open to all. Fall, winter, spring quarters. One credit. Dressler and Staff.

Eng. 10, 11, 12. Composition. Principles and practice of the chief types of college exposition. Designed only for freshmen exempt from English 1, 2. Fall, winter and spring quarters. Three credits each. Dickinson, Dressler, Roberts.

Eng. 30. Introduction to Poetry. Poetical analysis; poetic methods; versification; poetic types. Designed for students with credit in English 12, who substitute this course for English 4. Fall, winter and spring quarters. Four credits. Dressler.

Eng. 33. Introduction to Fiction. Short stories and novels presented for appreciation of story in literature. Open to all students. Winter quarter. Two credits.

Eng. 34. Introduction to Drama. Types of dramatic literature and their development. Representative plays. Open to all students. Winter quarter. Two credits.

Eng. 35. Masterpieces of World Literature. Great books of all nations. Open to all students. Spring quarter. Two credits.

Eng. 37. Directed Reading in Fiction and Poetry. Informal seminar group. Under the direction of the instructor, members of the class read fiction and poetry selected in accordance with their special interests. Group discussions. Summer and fall quarters. Two credits. Dickinson.

Eng. 38. Directed Reading in Newspapers and Magazines. Informal seminar group. Under the direction of the instructor, members of the class read newspapers and magazines selected in accordance with their special interests. Group discussions. Winter quarter. Two credits. Dickinson.

Eng. 39. Directed Reading in Non-Fiction Books. Informal seminar group. Under the direction of the instructor, members of the class read biography, travel books, philosophy, science, social criticism, etc., selected in accordance with the special interests of the individual students. Group discussions. Spring quarter. Two credits. Dickinson.

Eng. 40. The Short Story. Lectures dealing with the development and analysis of the short story combined with class reading and discussion. Open to all. Summer quarter. Two credits. Holmquist.

Eng. 54. Approach to the Humanities. A comprehensive view of ancient and medieval cultural development in the western world as reflected especially in great books. Summer and fall quarters. Three credits. Dressler, Roberts.

Eng. 56. Approach to the Humanities. A comprehensive view of Renaissance and modern cultural development in the western world as reflected especially in great books. Sophomores. Spring and summer quarters. Three credits. Dressler, Roberts.

Eng. 103. Children's Literature. An introduction to the field of story and verse for children. Objectives, evaluation of material methods of presentation; some creative work. Three credits.

Eng. 130. Modern Biography. Reading and interpretation of various types of biography. *Prerequisite:* *Sophomore standing.* Summer quarter. Two credits. Roberts.

Eng. 131. Modern Poetry. Reading and interpretation of the chief modern poets of England and America, with study of trends and influences. Three credits. Dressler.

Eng. 140. Chaucer. Reading and interpretation of the works of Geoffrey Chaucer. *Prerequisite:* *Junior standing.* Summer quarter. Two credits. Dressler.

Eng. 151. Shakespeare: Comedies. A lecture series dealing with such comedies as *Twelfth Night*, *The Tempest*, *Midsummer Night's Dream*. Fall quarter. Three credits. Roberts.

Eng. 152. Shakespeare: Tragedies. A lecture series dealing with such tragedies as Hamlet, Othello, King Lear, Macbeth. Summer and winter quarters. Three credits. Roberts.

Eng. 153. Shakespeare: Histories. A lecture series dealing with such history plays as Richard II, Henry IV, Richard III. Spring and summer quarters. Three credits. Roberts.

Eng. 163. European Literature. Study of select modern literature of continental Europe. No familiarity with foreign languages is necessary. Summer. Three credits. Groth.

Eng. 165. Seventeenth Century Literature. A course of lectures combined with reading seventeenth century English literature. Three credits. Summer quarter. Roberts.

Eng. 172. Eighteenth Century Literature. A course of lectures combined with reading eighteenth century English literature. Three credits. Summer quarter. Dressler.

Eng. 174. Romantic Movement. A lecture series dealing with the rise of the romantic movement in England and Europe; emphasis on its expression in literature. Fall quarter. Three credits. Dressler.

Eng. 176. German Romantic Literature in Translation. A study of the German Romantic authors with reference to their influence on modern thought. Three credits. Groth.

Eng. 177. Victorian Literature. A course in reading and interpretation of poetry and prose of the Victorian period. Two credits. Summer quarter. Dressler.

Eng. 180. American Literature. A lecture series dealing with American literature chiefly of the eighteenth and nineteenth centuries. Summer and winter quarters. Five credits. Roberts.

Eng. 183. Teaching Democracy Through the Language Arts. A course designed to give teachers an historical perspective of democratic philosophy integrated with language arts procedures in elementary and junior high schools. Summer quarter. Seven and one-half credits. Dressler, Groth, Roberts.

Eng. 186. Twentieth Century Literature. A lecture series dealing with the literature of the present century in Europe and America, especially since 1920. Juniors and seniors. Spring quarter. Three credits. Dressler.

Eng. 193. The Writing of Criticism. Short and long themes. Winter quarter. Two credits.

Eng. 196. Development and Use of English Language. An historical and descriptive approach to English syntax, spelling, pronunciation, etymology, etc. Summer, winter quarters. Five credits. Dressler.

Eng. 197. English Syntax. Rapid review of fundamental constructions and grammatical relationships; descriptive approach. Recommended for all students who expect to become teachers. Three credits. Roberts.

FRENCH

Instructor to be announced.

NOTE: All courses in French may be counted toward minor requirements.

COURSE DESCRIPTIONS

Fr. 1, 2, 3. First Year French. Grammar, composition, reading of simple texts. Students must begin work in the fall quarter and continue throughout the year. Fall, winter and spring quarters. Four credits a quarter.

Fr. 4, 5, 6. Second Year French. Further study of syntax, composition, rapid reading of texts. The course must be begun in the fall quarter and continued throughout the year. *Prerequisites:* Three quarters or two semesters of French. Fall, winter and spring quarters. Four credits a quarter.

GEOGRAPHY

PROFESSOR FREEMAN; ASSISTANT PROFESSORS DAYTON, DRYDEN, PENCE,
RAUP, STEWART

NOTE: All courses in Geography except Geog. 1 and 57 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Geog. 1. Elements of College Geography. The fundamental principles of human adjustment to natural environment. Objectives: (1) to develop in the student the ability to interpret geographic environment in terms of its relation to human activities; (2) to train the student in the selection and organization of essential materials for teaching of geography. All quarters. Four credits. Pence, Raup.

Geog. 57. Northwest Geography. An economic study of the contrasted distribution of population and industries in relation to the contrasted geographic environment of the region. Suggestions for various methods of teaching the geography of the state of Washington and adjacent regions. Practical problems to be carried over into the elementary and junior high teaching. Fall, winter, and summer quarters. *Prerequisite:* Geog. 1. Three credits. Pence, Freeman.

Geog. 102. Materials and Technics of Geographic Education. Of practical importance to teachers in Public Schools. Two credits. Alternate summers. Staff.

Geog. 103. Commodities and Trade. The location and production of essential commodities in the United States, and the geographic features affecting their production and distribution. A geographic study of the commerce of foreign countries and world trade. Winter and summer quarters. Four credits. Dayton, Raup.

Geog. 104. North America. A study of the geographical characteristics of the regions of the continent (excluding Mexico) with their varied economic life, physical environments and cultural development. *Prerequisite: Geog. 1.* Fall and alternate summer quarters. Four credits. Raup, Dryden.

Geog. 105. South America. A regional study of the continent emphasizing our commercial relations with South America, and the social, economic, and political problems in relation to natural environment in the various regions. *Prerequisite: Geog. 1.* Fall and alternate summer quarters. Three credits. Freeman, Stewart.

Geog. 108. Historical Geography of the United States. A study of the relationship between geography and history, in the growth of our country. Special attention to the advance of settlement, the origins and rise of cities, and the development of the transportation network. *Prerequisite: Geog. 1.* Alternate years. Three credits. Raup, Stewart.

Geog. 109. Geography and Political Problems. A study of the geography of different parts of the world in relation to zones of conflict, with special attention to the problems of Europe. Of special value to teachers in the interpretation and correlation of geography and history. *Prerequisite: Geog. 1.* Winter quarter. Three credits. Raup, Stewart.

Geog. 111. Asia. A regional study of the continent, with attention to relationships between economic activities and natural environment in the various geographic regions and countries. *Prerequisite: Geog. 1.* Winter quarter. Four credits.

Geog. 112. Africa. A regional study of Africa and the industries and culture of the people as related to the environment. *Prerequisite: Geog. 1.* Winter and alternate summer quarters. Three credits. Not offered in 1945-46.

Geog. 113. Europe. A study of the economic and political development of peoples as related to natural and non-environmental conditions in Europe. *Prerequisite: Geog. 1.* Fall and alternate summer quarters. Four credits. Not offered in 1945-1946.

Geog. 114. Weather and Climate. The principles of meteorology. The study of climatic divisions of the earth and their relations to human activities. Special attention to construction and interpretation of weather maps and climatic charts. *Prerequisite: Geog. 1.* Fall quarter. Three credits. Not offered in 1945-1946.

Geog. 115. Geography of the Pacific. The oceanic islands, coasts, trade routes, geographic influences, and commercial, economic and political problems of the Pacific. *Prerequisite: Geog. 1.* Spring and alternate summer quarters. Three credits. Not offered in 1945-1946.

Geog. 117. Resources and Their Conservation. Special emphasis placed upon the conservation of mineral resources, timber supply,

soil fertility. Land planning in relation to conservation. Problems of land use. Spring and alternate summer quarters. Three credits. Raup, Dayton.

Geog. 119. Overseas America. Problems and strategic importance of Alaska, Hawaii, Panama, Philippines, possessions and bases in the Caribbean, etc. *Prerequisite:* Geog. 1. Fall and alternate summer quarters. Three credits. Not offered in 1945-1946.

Geog. 120. Field Trips. Six all-day (usually Saturday) or afternoon field trips in geology and geography to Grand Coulee, "Hole-in-the-Ground," and other places. No prerequisite. Summer quarter. One credit. This course may be taken twice for credit if different trips are offered. Staff. Not offered in 1945-1946.

Geog. 121. Advanced Field Trips. A two-week excursion, taken during the summer to places of special geographic interest and importance. Intensive study of geologic and geographic conditions during the trip. Field trips are cancelled for the duration. Two or three credits. Staff. Not offered in 1945-1946.

Geog. 123. Middle America. Regional studies of the West Indies, Mexico, Central America, and the Caribbean area. *Prerequisite:* Geog. 1. Alternate years. Spring quarter. Three credits. Freeman, Stewart.

Geog. 124. Physiography of Western United States. The influence of geology on man's activities. Scenic features of the west. *Prerequisite:* Geog. 1. Elements of Geology also desirable. Three credits. Not offered in 1945-1946.

Geog. 127. Cartography. The construction and interpretation of maps and other graphic methods of presenting geographical and statistical information. Spring and alternate summer quarters. Three credits. Not offered in 1945-1946.

Geog. 130. Strategic Materials. A timely and useful new course for teachers and others that is descriptive of the uses and problems of the raw materials and manufactures from the mines, forests and farms used in the preparedness program, and the possible synthetics and substitutes for materials scarce or lacking for National Defense. Three credits. Not offered in 1945-1946.

GEOLOGY

PROFESSOR FREEMAN

NOTE: All courses in Geology may be counted toward minor requirements.

COURSE DESCRIPTIONS

Geol. 110. Elements of Geology. Considers the origin and development of surface features of the earth, and briefly studies the probable evolution of life upon the earth and the historical geology of North America. Students learn to identify common rocks and minerals, and to use topographic maps. Field trips taken to nearby places of interest. Spring and alternate summer quarters. Three credits for class work. Two extra credits for laboratory work. Professor Freeman.

Geol. 150. Economic Geology. Considers the origin, location and exploitation of coal, petroleum, ore deposits and other mineral resources. *Prerequisite: Elements of Geology.* Alternate years. Four credits. Freeman.

Geol. 160. Historical Geology. Considers the geologic development of the world with particular attention to North America and the Pacific Northwest. Describes the fossil plants and animals of different geological eras and periods. *Prerequisite: Elements of Geology.* Freeman.

GERMAN

ASSISTANT PROFESSOR GROTH

NOTE: All courses in German may be counted toward minor requirements.

COURSE DESCRIPTIONS

German

German 1, 2, 3. First Year German. Grammar, composition, reading of simple texts. Students must begin work in the fall quarter and continue it throughout the year. Fall, winter and spring quarters. Four credits a quarter. Groth.

German 4, 5, 6. Second Year German. A rapid review of syntax, reading of magazines, newspapers and texts. To be taken consecutively beginning with the fall quarter. Fall, winter and spring quarters. Four credits a quarter. Groth.

German 10. Military German. The reading of texts approved by Officers of the United States Army with a view of familiarizing student with German Military terms, army, navy, and aviation. Admission determined by conference with instructor. Offered every quarter. Groth.

HISTORY

PROFESSORS KINGSTON, LUDWIG; ASSISTANT PROFESSORS DRYDEN,
STEWART

NOTE: All courses in History, except Hist. 1, 2, and 63 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Hist. 1. U. S. History to 1865. European background, discovery, the founding of the colonies, the Revolutionary War and the establishment of the new nation, the growth of nationality and the causes, course, and result of the Civil War. Each quarter. Five credits. Dryden, Stewart.

Hist. 2. U. S. History Since 1865. The political issues and economic and social development of the period since 1865. Considerable attention to the years since 1918. Each quarter. Five credits. Dryden, Stewart.

Hist. 50. Early Civilization and the Classical Period. The early Mediterranean background and the classical civilization of Greece and Rome to the end of the Roman Empire of the West. Fall quarter. Four credits. Not offered in 1945-1946.

Hist. 51. Western Europe, the Medieval Period. A general survey course of the social and political institutions of western Europe from the fifth century to 1500. Winter quarter. Four credits. Not offered in 1945-1946.

Hist. 52. Western Europe, the Early Modern Period. A continuation of the preceding course covering the political and cultural history of western Europe from 1500 to 1815. Fall quarter. Four credits. Dryden.

Hist. 63. Washington State History and Government. Historical development of the Territory and State of Washington, local government, state government, the State Constitution, etc. This course meets the new state requirement for all teachers. All quarters. Four credits. Kingston, Dryden.

Hist. 105. European History, 1815-1914. A historical perspective of European affairs during the 19th century and the background of the Great War. Winter quarter. Four credits. Stewart.

Hist. 107. Northwest History. Exploration of the Pacific Northwest, fur trade, missionary period, gold discoveries, railroad building, industrial development and political history, with special reference to Washington. Winter quarter. Four credits. Kingston.

Hist. 111. British North America. An outline of the history and development of the political institutions of Canada. Three credits. Not offered in 1944-1945.

Hist. 112. Colonial Hispanic-America. An outline of Spanish and Portuguese settlements in the western hemisphere, the colonial institutions of the continent, the causes and results of the Wars of Independence. Fall quarter. Three credits. Not offered in 1945-1946.

Hist. 113. Republican Hispanic-America. A study of the more important events in Hispanic-American history since independence. Considerable emphasis on institutional development and particular attention to the more recent period. Winter quarter. Three credits.

Hist. 114. Inter-American Relations. The international relations of the countries of Hispanic-America with Europe and Asia, with the United States and among themselves. The growth of Pan-Americanism and the Good Neighbor Policy. Spring quarter. Three credits. Stewart.

Hist. 118. Modern Russian History. The economic, social, and cultural phases of Russian history since the revolution of 1917, with a review of the imperial period as background. Winter quarter. Three credits. Not offered in 1945-1946.

Hist. 119. The Far East. This course aims to present the salient facts and historical patterns connected with the political, economic, and cultural development of the Chinese and Japanese Empires down to modern times, together with a survey of Far Eastern International Relations and Commitments involving the Western Powers. *Prerequisites:* Hist. 51 or Hist. 52 or Hist. 105. Fall and summer quarters. Four credits. Ludwig.

Hist. 120. Far Eastern International Relations. This course aims to present the historical development of direct commercial and diplomatic relations between the trading nations of Europe and the countries of East Asia from the discovery of America down to the present. Emphasis will be given to the Commercial Revolution and its effects upon Europe and Asia, the conflicting interests growing out of the opening of China and Japan to world trade and diplomatic intercourse, the weakness of China, the rise of Japan, Russian expansion to the East, the system of Balance of Power, and the causes of the present war in the Far East. Fall quarter. Five credits. Ludwig.

Hist. 121. European History Since 1914. The First World War, the peace treaties, internal problems of the principal countries, with emphasis on the relations between the Great Powers to the outbreak of the Second World War. Spring quarter. Five credits. Ludwig.

Hist. 122. Research in Northwest History. Readings, study, and writing in selected fields of interest in the history of the Pacific Northwest. The preparation of notes, references and bibliographies. Work on the individual student basis. *Prerequisite:* Hist. 107. May be taken any quarter. Three credits. Kingston.

Hist. 125. Diplomatic History of the United States. The principal events in American Diplomatic history, concentrating upon our three major policies of isolation, the Monroe Doctrine, and the Open Door. Fall quarter. Three credits. Not offered in 1945-1946.

Hist. 128. History of Germany. A survey of the principal events in the historical development of Central Europe since 1648. Emphasis will be on the development of the German Empire since the French Revolution, and upon the ideological backgrounds for the rise of the Third Reich. Winter quarter. Three credits. Not offered in 1945-1946.

Hist. 131. History of British Expansion. History of British expansion overseas from the sixteenth century to the present with reference to motives, methods, and colonial governments. Spring quarter. Five credits. Not offered in 1945-1946.

Hist. 134. The Mediterranean World. The political, social and economic aspects of civilizations which have influenced world history from ancient times to the present. Spring quarter. Five credits. Dryden.

Hist. 147a, b. History of Southern Asia. The historical development of the following areas and countries in modern times: Asiatic Turkey, the Arabian Peninsula, Iraq, Iran, India, Burma, Siam, Indo-China, and the Island groups off the southwest coasts of Asia; imperialism, natural resources, colonial policies, the Mohammedan movement and the present conflicts centering in those so-called backward areas. Five credits. Ludwig.

HOME ECONOMICS

ASSISTANT PROFESSORS ANDERSON, BRODNAX

NOTE: All courses in Home Economics except H. Ec. 56 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Home Ec. 53. 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 food supplying carbohydrates, fats, vitamins and ash. Fee \$4.00. Fall quarter. Five credits. Anderson.

Home Ec. 54. Foods. Continuation of Home Ec. 53. An intensive study of the food supplying proteins, and of table service for breakfasts, dinners, luncheons, teas, decoration and practical experience in serving. Fee \$4.00. Winter quarter. Five credits. Anderson.

Home Ec. 56. Nutrition. 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 quarter. Three credits. Anderson.

Home Ec. 61. School Lunch. The food needs of school children, with plans and methods of serving hot lunches. Practical experience in the laboratory school lunch room. Three credits.

Home Ec. 68. Textiles. Study of selection, purchase and use of fabrics. All quarters. Four credits. Fee \$1.00. Brodnax.

Home Ec. 70. Clothing. Study of selection and construction of articles of clothing to develop skill, taste and wise expenditure. *Prerequisite: Home Ec. 68 Textiles* (prerequisite waived for Home Ec. minors). Fee 50c. Fall and winter quarters. Five credits. Brodnax.

Home Ec. 77. Clothing Selection. Study of becoming and appropriate clothes, and the making of a clothing budget. Fall and spring quarter. Three credits. Brodnax.

Home Ec. 154. Experimental Cookery. Study of special food problems. Each student selects some piece of work concerned with food. Fee \$4.00. Spring quarter. Five credits. Anderson.

Home Ec. 159. Household Management. The management 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. Spring quarter. Three credits. Anderson.

Home Ec. 160. Consumer Education. Backgrounds and philosophies of consumer education with some specific emphasis upon choices of food, clothing and household furnishings. Winter quarter. Three credits. Anderson.

Home Ec. 162. Serving. Table service for breakfasts, luncheons, dinners, teas, and special occasions, including menu planning, table setting, table decorations, and practical experience in serving. Fee \$1.50. Three credits. Anderson.

Home Ec. 163. Methods in Home Economics. A survey of the present-day objectives in the field of Home Economics with the methods of presenting them in elementary and junior high school teaching. *Prerequisites: Home Ec. 53, 54, 70, 172.* Spring quarter. Three credits. Anderson, Brodnax.

Home Ec. 164. Student Teaching in Home Economics. Practical experience in conducting the Home Economics classes of the Laboratory School. *Prerequisites: Home Ec. 53, 54, 68, 70, 156, 172.* All quarters. Credits to be arranged. Anderson, Brodnax.

Home Ec. 166. Advanced Nutrition. Continuation of Home Ec. 156. A study of food requirements in health and disease from infancy to old age. Animal experimentation. *Prerequisite: Home Ec. 56.*

Fee \$1.00. *Open to men as well as women.* Spring quarter. Three credits. Two lectures and two laboratory periods a week. Anderson.

Home Ec. 172. Clothing. Dress design and construction. *Prerequisites: Home Ec. 68 and 70.* Five credits. Fee 50c. Spring and summer quarters. Brodnax.

Home Ec. 173. Art Needlework. Embroidery stitches and needlework design. Spring and summer quarters. Three credits. Fee 50c. Brodnax.

Home Ec. 177. Historic Costume. A study of period costume including adaptations suitable for plays and pageants. Winter and summer quarters. Three credits. Brodnax.

INDUSTRIAL EDUCATION

ASSISTANT PROFESSORS DALES, LANE

NOTE: All courses in Industrial Education except I. Ed. 102 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Woodwork

Ind. Ed. 100. Primary Industrial Education. A course for primary teachers, who need information relative to materials, tools, methods and projects for the lower grades. Spring quarter. Three credits. Dales.

Ind. Ed. 102. Public School Industrial Education. A study of the background, aims, content and status of Industrial Education in the United States. Construction tools and materials are also taken up as a part of the course. All quarters. Three credits. Dales.

Ind. Ed. 105. Wood Turning. The use and care of lathes and tools. Spindle and face-plate work will take most of the student's time. All quarters. Three credits. Lane.

Ind. Ed. 106. Advanced Wood Turning. All quarters. Three credits. Lane.

Ind. Ed. 114. Wood Working for Homemakers. Consists of making plans, furniture repair and construction, and cabinet making. Develops handyman abilities and satisfies the desire to make useful things with tools and materials. All quarters. Three to five credits. Four to eight hours each week. Lane.

Ind. Ed. 115. Furniture Design and Construction. The design and construction of a piece of furniture with hand tools. All quarters. Five credits. Lane.

Ind. Ed. 145. Wood Carving. A study and use of tools and woods in making low and high relief carving. Spring quarter. Three credits. Dales.

Ind. Ed. 156. Period Furniture Construction. An advanced machine construction course in furniture making. All quarters. Five credits. Lane.

Metal Work

Ind. Ed. 120. Electrical Work. A study of the sources, principles and application of electricity including magnetism, heat, bell circuits, house wiring and simple motors. All quarters. Three credits. Lane.

Ind. Ed. 122. Radio Receiver Construction and Repair. A rehabilitation course consisting of: Experimental work with radio parts and laboratory equipment. The study of radio electronics and circuits. Construction of detectors, amplifiers and power packs. All quarters. Three credits. Lane.

Ind. Ed. 125. Bench Metal. A course, including chipping, filing, drilling, light forging, tempering, case hardening, using taps and dies, etc. All quarters. Three credits. Lane.

Ind. Ed. 126. Sheet Metal. The use of tin, galvanized and black iron. The methods and tools of the sheet metal worker will be used. All quarters. Three credits. Lane.

Ind. Ed. 128. Machine Lathe Work. Care and operation of a standard, back geared, screw cutting engine lathe. Only one student each period. All quarters. Three credits. Lane.

Drawing

Ind. Ed. 60. Engineering Drawing. Lettering, sketching, orthographic projection, auxiliary views, revolutions, sectional views and pictorial representations are taken up in this course. Fall and winter quarters. Three credits. Dales.

Ind. Ed. 61. Engineering Drawing. Developments, intersections, fastenings, detail, assembly drawings, inking, tracing and blue printing will be taken up in this course. Winter and spring quarters. Three credits. Dales.

Ind. Ed. 62. Engineering Drawing. Theory and practice in Descriptive Geometry. Spring quarter. Three credits. Dales.

Ind. Ed. 150. Architectural Drawing. Drawing floor plans and elevations for a small house. Winter quarter. Three credits. Dales.

Ind. Ed. 151. Architectural Drawing. A continuation of Ind. Ed. 150. Section, details, ground plans, tracing and blue printing will be taken up. Spring quarter. Three credits. Dales.

Organization and Theory

Ind. Ed. 160. Student Teaching in Industrial Education. Supervised observation and teaching in primary, intermediate and junior high industrial education classes. Fall, winter and spring quarters. One to five credits. Dales.

Other Courses

Ind. Ed. 110. Wood Finishing. A study of the various finishes that are used in the industrial education shops. A complete set of common wood samples will be finished. All quarters. Three credits. Lane.

JOURNALISM

ASSISTANT PROFESSOR HOLMQUIST

NOTE: All courses in Journalism may be counted toward minor requirements.

COURSE DESCRIPTIONS

Journ. 31. Principles of Newswriting. Gathering material; organization of news stories; leads. Open to all students. Fall quarter. Three credits. Holmquist.

Journ. 32. Copy Reading and Headline Writing. It is desirable, though not requisite, that students have credit in Journalism 31 before registering in this course. Open to all students. Winter quarter. Three credits. Holmquist.

Journ. 33. Feature and Editorial Writing. Special assignments. *No prerequisite.* Open to all students. Spring quarter. Three credits. Holmquist.

Journ. 41, 42, 43. Reporting. A course for those on the staff of the college newspaper. May be begun any quarter. Recommended to those who are preparing to teach in the junior high school or the intermediate grades. Instructor's permission required. Fall, winter, spring. Three credits a quarter. Holmquist.

LABORATORY SCHOOLS

PROFESSOR FRASIER; ASSISTANT PROFESSORS BARTON, BRYAN, CASSIDY, LANG, MCGRATH, NEWLAND; INSTRUCTORS FITZPATRICK, PEARSON, VANDERVANTER; LIBRARIAN CULLEN

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 register with the Director of Laboratory Schools for Student Teaching during the second and third weeks of the quarter immediately preceding the one in which they wish to do their teaching. As far as possible, students will be assigned to the grade which they request.

The college has complete, up-to-date facilities for the training of kindergarten as well as elementary and junior high teachers.

COURSE DESCRIPTIONS

See Ed. 178, 191-4-8.

LIBRARIANSHIP

BLAIR, HAAS

NOTE: All courses in Librarianship may be counted toward minor requirements.

COURSE DESCRIPTIONS

Lib. 101. Children's Library. A general survey of all the types of children's reading from the primary grades through the junior high school. Consideration of such topics as the writers and illustrators of children's books, children's reading interests, reading and evaluating children's books, the selection of books for small libraries and children's magazines. *Prerequisite:* Grade point average and consent of instructor. Winter quarter. Three credits. Haas.

Lib. 102. Advanced Children's Library. Stress is placed on book selection and the history of children's books, publishers and editors and other persons prominent in the field of children's books and libraries; critical analysis of children's books, including the classics and recent publications. *Prerequisite:* Lab. Sch. 191, 194, or 198, and Lib. 101. Spring quarter. Three credits. Haas.

Lib. 104. School Library Administration. Business practices, supplies and equipment, records, reports, relations with students, teachers, administrators and public libraries; status, standards and objectives. Essence of cataloging, of reference and bibliographies. The purchase and use of periodicals and circulation materials. Practical problems. Three credits. Blair.

Lib. 105. Library Practice. Students who complete the foregoing courses may earn up to three credits, at the rate of one a quarter, for practice work in the children's library of the Laboratory School. Should there be more applications for practice work than the children's library can accommodate, those applicants will be admitted who, in the judgment of the instructors, have done the best work in the other library courses. Fall, winter, spring quarters. One credit a quarter. Haas.

MATHEMATICS

ASSISTANT PROFESSORS DALES, PENCE, TALLYN

NOTE: All courses in Mathematics except Math. 1 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Math. 1. Mathematics Fundamentals. A course stressing techniques and concepts of mathematics intended for students preparing to teach and who are not taking a more advanced mathematics course. Winter and spring quarters. Three credits. Dales.

Math. 3. Solid Geometry. *Prerequisite:* A year's work each in plane geometry and algebra. Five credits. Staff.

Math. 4. Advanced Algebra. This course is given for those students who have not had three semesters of high school algebra. Recommended to students intending to take more mathematics and science and who need a review of high school algebra. Fall quarter. Five credits. Pence.

Math. 11. Business Mathematics. The fundamentals of mathematics needed by business students. This course also will meet the mathematics requirements for admission to student teaching. Alternate years. Not offered in 1945-1946. Three credits. Pence.

Ec. Bus. 51. The Elements of Accounting. An introduction to the study of accounting with consideration of the functions of accounts, business statements, books of original entry, business forms and papers. Not taught 1945-1946. Staff.

Math. 54. College Algebra. Review of elementary topics; systems of equations; arithmetic and geometric series; complex numbers; mathematical induction; solution of equations by approximation, etc. Five credits.

Math. 55. Trigonometry. Elementary theory of trigonometric functions. Solutions of the triangle with emphasis on applications. Five credits.

Math. 56. Analytical Geometry. The application of algebraic methods to geometry. Loci, conics, coordinates, algebraic curves, etc. *Prerequisite:* Math. 54. Five credits.

Math. 102. Mathematics of Investment. Interest and annuities; sinking funds, bonds, investments; capitalization, amortization, insurance. Not taught 1945-1946. Two or three credits.

Math. 106. Spherical Trigonometry. Application of trigonometry to the surface of a sphere, as used in astronomy, navigation, and surveying. *Prerequisite:* Math. 55. Two credits. Not offered in 1945-1946.

Math. 108. Theory of Equations. Solution of cubic and quartic equations. Study of determinants and systems of linear equations. Symmetric functions. *Prerequisite:* Enrolment in *Math. 56*. Three credits. Not offered 1945-1946.

Math. 110, 111, 112. Calculus. Differential and integral calculus. A continuous course that must be taken in sequence. *Prerequisites:* *Math. 54, 55, 56*. Five credits a quarter.

MUSIC

PROFESSOR ROWLES; ASSISTANT PROFESSORS GOODSSELL, LAWTON;
INSTRUCTOR FERGUSON

NOTE: All courses in Music except *Mus. 1* and *101* may be counted toward minor requirements.

COURSE DESCRIPTIONS

Music Theory and Music Education

Mus. 1. Music Theory I. Structural elements of music. Keys and scales in major and minor modes. Rhythmic problems. Sight reading of simple unison and part songs. Introduction to music appreciation. Note: Music tests are given all entering freshmen and transfer students. Those having a high rating are excused from this course. All quarters. Five credits. Lawton.

Mus. 50. Music Theory II. Continued sight reading. Melodic dictation in major and minor keys with varied rhythmic and tonal patterns. Introduction to harmony. *Prerequisite:* *Music 1*. Fall, spring and summer quarters. Four credits. Rowles, Ferguson.

Mus. 52. 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 1* or adequate musical background. Fall and summer quarters. Three credits. Lawton.

Mus. 53. History of Music II. Survey of music in the 19th and early 20th centuries. Important composers and their works. *Prerequisite:* *Music 1* or *52*. Winter and summer quarters. Three credits. Lawton.

Mus. 54. History of Music III. Significant music by composers since 1900 showing modern tendencies and innovations. *Prerequisite:* *Music 1* or *53*. Spring and summer quarters. Three credits. Lawton.

Mus. 58. Harmony I. The harmonization of melodies and basses in major and minor using the principal triads and their inversions and chords of the dominant-seventh. *Prerequisite:* *Music 50*. Fall, winter and summer quarters. Two credits. Ferguson.

Mus. 59. Harmony II. Inversions of the dominant-seventh chord. Secondary triads and seventh chords. Modulation. *Prerequisite:*

Mus. 58. Winter, spring and summer quarters. Two credits. Ferguson.

Mus. 60. Harmony III. Extended modulation. Secondary sevenths and their inversions. Dominant ninth. Altered chords. Original composition. *Prerequisite: Music 59.* Fall, spring and summer quarters. Two credits. Ferguson.

Mus. 101. Public School Music. The purpose and function of music education in the public schools, with emphasis upon music activities in the elementary and junior high schools, as outlined in the publication of the State Curriculum Committee on Music and other curriculum publications. *Prerequisite: Music 1.* Fall, winter and summer quarters. Three credits. Goodsell, et al.

Mus. 103. Junior High School Music. The place of music in adolescent development, covering the boy's changing voice, testing and classification of voices, organizing and directing of glee clubs, choruses, operettas, concerts, and developing other music activities in the junior high school. *Prerequisite: Music 1.* Winter and summer quarters. Three credits. Rowles.

Mus. 105. Modern Practices in Music Education. The techniques of teaching music in primary and intermediate grades from the standpoint of both classroom and special music teachers. Practical application of methods for developing the child voice, rote singing, rhythmic expression, music reading, appreciation, etc. Examination of up-to-date songbooks and other materials. Observation of music in the laboratory school and practice teaching by members of the class for two periods each week are required for completion of this course in addition to the three periods in class. The observation and practice teaching must be done by arrangement with the instructor. *Prerequisite: Music 101.* Spring and summer quarters. Four credits. Goodsell.

Mus. 109. Student Teaching in Music. Teaching under supervision, preferably during Junior year, is required of music minors. Those teaching instruments should first complete Mus. 120 and 121. *Prerequisite: Music 101.* All quarters. One or more credits. Goodsell, Lawton.

Mus. 120. Conducting and Orchestration. Technique of conducting. Arrangement of small compositions for various combinations of instruments. *Prerequisite: Music 58.* Winter and summer quarters. Two credits.

Mus. 121. Orchestra and Band Technique. Organization and development of instrumental work in the schools. Rehearsal and training procedures. Individual experience in directing. Either previous or concurrent instruction on some wind or stringed instrument is required of all members of the class. Instruments may be rented. Out-

side practice required. Fall, spring and summer quarters. Two credits.

Mus. 125. Choral Conducting. Technique of conducting. Principles of good vocal production and interpretation. Problems concerning the organization, rehearsal and conducting of choral groups in the public schools. *Prerequisite:* Music 58. Winter and summer quarters. Two credits. Rowles.

Ensemble Music

Mus. 11. College Band. All types of concert band music. Drill in marching. Three periods a week. Fall, winter and spring quarters. One and one-half credits.

Mus. 13. Girls' Glee Club. Selected voices for specialized vocal performance. Four periods a week. Fall, winter and spring quarters. Two credits. Rowles.

Mus. 14. College Orchestra. Playing of standard orchestral numbers. Special work with the string, woodwind and brass choirs. Two periods a week. Fall, winter and spring quarters. One credit.

Mus. 15. Chamber Music. Music for different combinations of stringed and wind instruments. By special arrangement with instructors. All quarters. One credit. Lawton.

Applied Music

Mus. 16. Piano. Beginners may receive credit for the first quarter of study at the discretion of the instructor. All quarters. One or two credits. Ferguson.

Mus. 17. Stringed Instruments. (a) Violin; (b) Viola; (c) Violoncello; (d) Doublebass. Beginners may receive credit for the first quarter of study at the discretion of the instructor. All quarters. One or two credits. Lawton.

Mus. 18. Voice. Beginners may receive credit for the first quarter of study at the discretion of the instructor. All quarters. One or two credits. Rowles.

Mus. 19. Organ. Beginners must have had adequate piano training before taking organ lessons for credit. All quarters. One or two credits.

Mus. 20. Wind Instruments. Beginners may receive credit for the first quarter of study at the discretion of the instructor. All quarters. One or two credits.

PHILOSOPHY

PROFESSOR WILLIAMSON; ASSISTANT PROFESSOR GROTH

NOTE: Phil. 151 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Phil. 51. Introduction to Philosophy. Introduction to current philosophical terminology and elements of semantics, followed by a study of intuitionism, empiricism, utilitarianism, pragmatism and instrumentalism. *Prerequisite: Sophomore standing.* Fall, winter and spring quarters. Five credits. Groth.

Phil. 53. Introduction to Ethics. An analysis of moral situations, types of moral ideas, such as the pursuit of pleasure, the idea of duty, etc., the relation of the individual to society. By dealing with students' problems the course aims to build greater sensitivity to moral values. *Prerequisite: Sophomore standing.* Four credits. Williamson. Not offered in 1945-1946.

Phil. 151. General Philosophy. Modern trends in semantics, logic, esthetics, and metaphysics. A genetic approach. *Prerequisites: Introduction to Philosophy or Introduction to Ethics.* Four credits. Groth.

PHYSICAL AND HEALTH EDUCATION

PROFESSOR WOODWARD; ASSISTANT PROFESSORS DAVIDSON,
DUSTIN; INSTRUCTOR BRUMBLAY

NOTE: All courses in P. E. except P. E. 1, 4, 13, and 146 may be counted toward minor requirements.

COURSE DESCRIPTIONS

P. H. E. 1. Health Fundamentals. Conservation and promotion of health in the individual, the home and the community. Principles of healthful living. Recognition of deviations from normal health. Physiological facts related to problems of individual adjustment. Health consciousness in personal and community matters. Fall, winter and spring quarters. Three credits. Davidson.

P. H. E. 4. Physical Education Activities. (Women.) All students are required to take four years of work in activities. All quarters. One credit a quarter. Staff. An activity may be selected from the following:

- Archery
- Badminton
- Basketball
- Clogging
- Fencing
- Golf

Hockey
 Jollyball
 Life Saving
 Natural Dancing
 Soft Ball
 Simple folk dances and games
 Soccer
 Speedball
 Swimming (beginning, intermediate, advanced)
 Tennis
 Track
 Volleyball

Note: Students may not earn more than one credit in P. H. E. Activities (P. H. E. 4) in any one quarter. One quarter of P. H. E. Activities (P. H. E. 4) must be in swimming.

P. H. E. 13. Physical Education Activities. (Men.) All students are required to take *four years* of work in activities. Eleven quarters. One credit per quarter. Staff. An activity may be selected from the following:

Badminton
 Basketball
 Baseball
 Boxing
 Boy Scout Leadership (see Biology 20)
 Clogging
 Fencing
 Football
 Golf
 Intramural Athletics
 Life Saving
 Physical Fitness
 Soft Ball
 Soccer
 Speedball
 Swimming
 Touch Football
 Tennis
 Track
 Tumbling
 Wrestling

Note: Students may not earn more than one credit in P. H. E. Activities (P. H. E. 13) in any one quarter. One quarter of P. H. E. Activities (P. H. E. 13) must be in swimming.

P. H. E. 13. Swimming. (Men.) Methods of teaching beginners, instruction in the different strokes and methods of rescuing and resuscitation. All quarters. One credit. Woodward.

P. H. E. 16. Corrective Work. (Men.) Classes and individual work arranged according to needs. All quarters. One credit. Woodward.

P. H. 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. H. E. 1. Fall, winter and spring quarters. Two credits. Davidson.

P. H. E. 105. Advanced Folk Dancing. (Women.) Instruction and application of the basic techniques used in national dances. A further study for program planning and pageant work in junior high grades or special classes. *Prerequisite:* P. H. E. 4. Simple folk dances and games. Fall and summer quarters. One credit. Dustin.

P. H. E. 108. Basketball Coaching. (Women.) 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:* *Sophomore standing.* Winter quarter. Two credits. Dustin.

P. H. E. 109. Primary P. E. Methods. (Women.) Dramatic and singing games. Rhythms and simple folk dances. Relaxation activities. Story plays. Fall and summer quarters. Three credits. Dustin.

P. H. E. 110. Middle Grade P. E. Methods. (Women.) Games, folk dances and stunts. Winter and summer quarters. Three credits. Dustin.

P. H. E. 111. Junior High P. E. Methods. (Women.) Organized games and folk dances. Spring and summer quarters. Three credits. Dustin.

P. H. E. 112. Corrective Work. (Women.) Classes and individual work arranged according to needs. All quarters. One credit. Staff.

P. H. E. 117. Football Coaching. (Men.) 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. Brumblay.

P. H. E. 118. Basketball Coaching. (Men.) Instruction in goal-throwing, passing, dribbling, pivoting, individual and team play, and the different styles of plays and rules. Winter quarter. Two credits. Brumblay.

P. H. E. 119. Track Coaching. (Men.) 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 quarter. Two credits. Brumblay.

P. H. E. 120. Camp Fire Leadership. (Women.) A study of program planning, handcraft, leadership psychology and plans for general group activities to equip leaders for Camp Fire and Blue Bird groups. Class members completing requirements will receive the Guardians' Training Course Certificate. *Prerequisite:* P. H. E. 4. Open to seniors and juniors only. Spring quarter. Two credits. Dustin.

P. H. E. 121. First Aid and Safety Education. 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. Three credits. Brumblay.

P. H. E. 123. Baseball Coaching. Pitching and pitching strategy; batting and base running; the correct method of fielding each position; team play, field work and rules. Spring and summer quarters. Two credits. Woodward.

P. H. E. 124. Organization and Administration of Physical and Health 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. Fall and summer quarters. Four credits. Woodward.

P. H. E. 125. Physiology. A study of cellular elements and tissues followed by a thorough consideration of the digestive, respiratory, circulatory and nervous systems. Special emphasis on metabolism, internal and external secretions and excretions. *Prerequisite:* P. H. E. 1. Fall, spring and summer quarters. Five credits. Davidson.

P. H. E. 126. Playground and Community Recreation. Organization, equipment, management and supervision of playgrounds; instruction in games and other activities. Spring and summer quarters. Two credits. Woodward.

P. H. E. 127. Student Teaching in Physical Education. *Prerequisite:* P. H. E. 146. All quarters. One credit. Staff.

P. H. E. 128. Individual Gymnastics (corrective). A study of abnormal conditions that frequently occur; corrective exercises for the most common defects. Winter and summer quarters. Three credits. Woodward.

P. H. E. 129. Methods and Materials of Health Education. This course takes up various methods and devices used in the elementary grades of the school. Courses of study of outstanding school systems that have attracted attention because of their work in health education will be studied and compared. The problem of the health of the teacher, control of contagion, etc., are other features of this course.

Prerequisite: P. H. E. 1. Winter and summer quarters. Three credits. Davidson.

P. H. E. 137. Six-Man Football. (Men.) This course covers the fundamentals of six-man football, how it pertains to eleven-man football, the organization and management of the game, drills, plays, formations and intramural possibilities. Winter quarter. Two credits. Brumblay.

P. H. E. 138. 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. Winter and spring quarters. Three credits. Davidson.

P. H. E. 141. Camp Fire Counselor's Guidance. (Women.) A practical experience in observation and consideration of the social and psychological problems of three types of campers in an A-1 camp, with supervision of the principles for directing and the development of the individual's abilities, interests and achievements. *Prerequisite:* P. H. E. 120. Recommendation of staff once only. Summer quarter. Those serving for a period of seven or more weeks—two credits. A period of four to six weeks—one credit. Dustin.

P. H. E. 146. Public School Physical and Health Education. Methods and procedures of Physical Education programs as adapted to primary, intermediate and junior high school grades. Provision for participation in the P. E. activities. All quarters. Three credits. Woodward.

PHYSICAL SCIENCES

ASSISTANT PROFESSORS DRESSLER, TALLYN

NOTE: All courses in Physical Sciences except Phys. Sci. 3 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Phys. Sci. 3. Survey of the Physical Sciences. This course intends to give an understanding of the material universe and the relation of science to modern civilization. Considers briefly the essentials of different natural sciences and what constitutes scientific thinking and investigation. Provides material for elementary school science. All quarters. Four credits. Staff.

Phys. Sci. 121. Descriptive Astronomy. Brief consideration of the solar system planets, meteors, comets, etc.; some discussion of stars and stellar types, nebulae and galaxies; qualitative considerations of astronomical methods. While this course is non-analytic, students must have an acquaintance with elementary algebra. May be used to meet Phys. Sci. 3 requirement. Not offered in 1945-1946. Two credits.

Phys. 51. Physical Science in the Junior High School. A general treatment of everyday application of physical principles. This course is designed particularly for prospective teachers of science in the junior high school, and includes demonstrations, experiments and the handling of apparatus. Five credits. Staff.

Phys. 60. Elements of Photography. Class limited to 12 students. A study of various types of cameras and an introduction to simple developing and printing processes. Fall and spring quarters. Three credits. Dressler.

Phys. 160. Advanced Photography. Advanced course in special processes and techniques: portraiture, retouching, tinting, color printing, landscape photography, scientific photography, special finishing touches. All quarters. Four credits. Dressler.

Phys. 61, 62, 63. 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. Four class periods and one double laboratory period a week. Fall, winter and spring quarters. Five credits a quarter. Tallyn.

POLITICAL SCIENCE

PROFESSOR LUDWIG; ASSISTANT PROFESSORS DAYTON, STEWART

NOTE: All courses in Political Science except Pol. Sci. 67 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Pol. Sci. 67. American Government. A survey course to introduce the student to the nature of government as developed in the structure and workings of the federal and state systems. All quarters. Five credits. Dayton.

Pol. Sci. 127. Comparative Government. A comparative study of the government and politics of the principal foreign nations with particular attention to Great Britain, France, Germany, Russia, and Italy. Four credits. Not offered in 1945-1946.

Pol. Sci. 128. International Relations. A survey of the fundamental policies of the leading world powers in the light of their historical development. Special emphasis on the geographical, economic, and racial causes of these national policies. Spring quarter. Four credits. Stewart.

Pol. Sci. 129. Introduction to Constitutional Law. The growth of American constitutional government with special emphasis on the most notable of the constitutional interpretations of the Supreme Court. *Prerequisites:* Ec. Bus. 62, Pol. Sci. 67, and one or more courses in American history. Winter quarter. Five credits. Ludwig.

Pol. Sci. 140. National Defense Administration. A survey and analysis of the impact of war upon the governmental organization of the United States. *Prerequisites:* Pol. Sci. 67. Not offered in 1945-1946. Three credits.

Pol. Sci. 145. Wartime Governments of Europe and Japan. The result of the impact of war upon the various governments of the world. Contrast of the totalitarian and democratic ideals and ways of life. Spring quarter. Four credits. Not offered in 1945-1946.

PSYCHOLOGY

ASSISTANT PROFESSORS BARBER, HALL; INSTRUCTOR HEISLER

NOTE: All courses in Psychology except Psych. 1 and 155 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Psych. 1. General Psychology. Introduction to objectives and techniques employed in the study of human behavior. Special attention given to psychological principles which will aid in more successful living and teaching. All quarters. Five credits. Hall.

Psych. 131. Research in Psychology. An opportunity for students with adequate background and experience to make intensive and independent study of some special problem in psychology. Interested students should confer with Dr. Williamson before enrolling and indicate to him the nature of the study they wish to develop. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; completion of all general requirements. Credits and hours to be arranged.

Psych. 136. Social Psychology. Human conduct as influenced by group relationships. Fundamental concepts, such as custom, suggestion, sympathy, emotion, cooperation and conflict. Consideration of personality, individuality and leadership in their relation to social progress. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; Psych. 1; completion of all general requirements. Winter quarter. Four credits. Barber.

Psych. 137. Psychology of Adjustment. Conditions and processes which make for a wholesome mental outlook and a normal personality development. Nature of personality and of adjustment. Early childhood and changing social environment factors in personality integration. Physical, mental and emotional bases of adjustment. Problems of the pre-school child, the elementary school child, and the adolescent. Case studies. *Prerequisites:* a cumulative grade point average of 1.00. Fall quarter. Five credits. Barber.

Psych. 140. Abnormal Psychology. The atypical mind, with particular reference to causes and explanations and to the relationship of abnormal phenomena to the normal. The development of concepts especially useful in dealing with exceptional and disordered cases. Practical case studies. *Prerequisites:* Junior standing; a cumulative grade point average of 1.00; Psych. 1; completion of all general requirements. Spring quarter. Three credits. Barber.

Psych. 146. Improvement of Learning. Practical experience is given in how to improve learning in college or on any school level; an analysis of difficulties involving different types of adjustment which interfere with the learning situation. Students who wish to increase their study efficiency and who are interested in helping chil-

dren improve their study habits are invited to take this course. *Prerequisites: General Psychology and permission of instructor.* Fall and winter quarters. Four credits. Hall.

Psych. 155. Psychological Foundations of Education. The educational significance of the main facts and problems of child growth. The principles of learning. The role of the culture in the shaping of personality. *Prerequisites: a cumulative grade point average of 1.00; completion of all general requirements.* All quarters. Five credits. Hall.

Psych. 156. Clinical Procedures in the Public School. Consideration of behavior and personality problems that occur in the school. The interpretation and clinical procedures that make for better adjustment in terms of the personal, social, family, and school history of the child. Two and one-half credits. Summer quarter. Hall.

Psych. 160. Diagnostic Techniques and Special Measurements. An introductory course for persons who wish to qualify for the Special Education Credential. Individual intelligence testing; elementary measurements; clinical procedures. *Prerequisites: Psych. 1, Psych. 137, or 155 or equivalent; Junior standing.* Five credits. Fall, winter and summer quarters. Heisler.

SOCIOLOGY

PROFESSOR LUDWIG

NOTE: All courses in Sociology except Soc. 61 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Soc. 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. Ludwig.

Soc. 110. Rural Sociology. An introduction to the problems of rural life emphasizing the economic, the social and the cultural elements present in the structure of rural society. *Prerequisite: Sociology 61.* Winter quarter. Three credits. Not offered in 1945-1946.

Soc. 121. Social Origins. Racial and social origins, growth of customs, the beginnings of civilization, a general view of the pre-historic period. *Prerequisites: Sociology 61, Ec. Bus. 62 and Pol. Sci. 67.* Fall and summer quarters. Four credits. Not offered in 1945-1946.

Soc. 122. Contemporary Social Problems. Designed to trace the origins and scope of the complex social, economic and political problems confronting present-day society. Appropriate emphasis upon the major social problems found in the United States, including methods, ways and means for their solution. Five credits.

Soc. 125. Recent Social Trends. An examination of the social science fields in the light of the changing conditions of modern life.

Prerequisites: Soc. 61, Ec. Bus. 62 and Pol. Sci. 67. Spring quarter. Three credits. Not offered in 1945-1946.

Soc. 131. Social Thought in Western Civilization. The profoundly influential and intellectual movements which have molded civilization of the present day. Advanced course. Extensive reading. *Prerequisites:* Hist. 50, 51, and 105, or by special permission. Spring quarter. Four credits. Not offered in 1945-1946.

SPANISH

Instructor to be announced.

NOTE: All courses in Spanish may be counted toward minor requirements.

COURSE DESCRIPTIONS

Spanish 1, 2, 3. First Year Spanish. Grammar, composition, reading of simple texts. Students must begin work in the fall quarter and continue it throughout the year. Fall, winter and spring quarters. Four credits a quarter.

Spanish 4, 5, 6. Second Year Spanish. A rapid review of syntax, reading of magazines, newspapers and text. To be taken consecutively beginning with the fall quarter. Fall, winter and spring quarters. Four credits a quarter.

SPEECH

Instructor to be announced.

NOTE: All courses in Speech except Sp. 51 and Sp. 11 may be counted toward minor requirements.

COURSE DESCRIPTIONS

Speech 11. Remedial Speech. A remedial course designed to treat such defects of speech as would ordinarily hinder effective teacher performance. All students planning either to teach or to take speech work are required to take this course if assigned to it from the speech test. Time arranged. All quarters. No credits. Fee 25 cents.

Speech 51. Speech Fundamentals. A beginning course in public speaking emphasizing the development of confidence and effective oral organization. *A student assigned to Speech 11 may only by permission of the instructor register for Speech 51 before taking Speech Clinic.* All quarters. Three credits. Fee 50 cents.

Speech 52. Speech Delivery. A continuation of Speech 51, with special emphasis on delivery through the stimulation and liberation of bodily responses in the speech situation. *Prerequisite:* Speech 51. Two credits. Spring quarter.

Speech 53. Voice for Speech. A foundation course emphasizing the mental, emotional and physical coordinations necessary for a re-

sponsive, unaffected, speaking voice. Training aims at the elimination of unpleasant voice habits and with making the voice responsive to thought and feeling. Required of all majors in Speech, and of teacher-training students on assignment. Three credits. Fee 50 cents.

Speech 60. Public Discussion. A modern discussion program in which students, both men and women, give addresses on current problems before outside audiences. Registration must be made during fall quarter and requires the approval of the instructor in charge. Three credits a season allowed on recommendation of the instructor in charge.

Speech 61. Forms of Public Address. Study and practice in the structure and style of the various forms of public address, based on analysis of modern speeches. *Prerequisite: Speech 51.* Spring quarter. Three credits.

Speech 104. Techniques of Interpretative Reading. Character portrayal, dialect, interpretation of literary types; public school presentation. Two credits. Newell.

Speech 105. Creative Dramatics. Survey of the literature suitable for dramatization; demonstration classes. *Prerequisite: English 103, or consent of the instructor.* Winter and summer quarters. Three credits.

Speech 106, 107, 108. Play Production. Technical divisions of the stage. Fundamentals of the stage design; color and lighting; standard equipment; make-up. It is recommended that the student complete all three courses consecutively. All quarters. Three credits a quarter. Newell.

Speech 109. 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. Three credits. Summer quarter. Newell.

Speech 110. Acting. The art of character interpretation on the stage. *Prerequisite: Speech 53.* All quarters. Three credits. Newell.

Speech 112. Children's Theater. Production; direction; types of plays. *Prerequisite: Speech 105.* Two credits. All quarters.

Speech 116. History of the Theater. A study of the development of the theater from its beginnings to modern times. Intended as a background for the appreciation of the development of the art of the theater in its great periods: Greek, Medieval, Pre-Shakespearean, Elizabethan, Restoration and Victorian. Such modern theories as Expressionism, Impressionism, Constructionism. *Prerequisite: Speech 51.* Fall quarter. Three credits. Newell.

Speech 117. Contemporary Theater. A study of the theater as it exists today with emphasis placed upon current productions, outstanding personalities in the fields of acting, producing, directing,

designing and other branches of the theater. Particular emphasis is placed on the current American season, but European theaters are also included in lectures, readings and reports. Summer and winter quarters. Two credits. Newell.

Speech 118. Creative Dramatic Demonstration. Demonstrations with Laboratory School children in creative dramatics and choral reading. Open to all. Two credits.

Speech 119. Choric Verse Speaking. *Prerequisite: Speech 51.* Summer quarter. Two credits.

Speech 130. Oral Reading of Literature. Training in the mental and vocal techniques essential in reading aloud from the printed page. Training in the analysis and technique of artistic oral interpretation of various forms of literature. *Prerequisite: Speech 53.* Three credits.

Speech 131. Private Instruction in Interpretative Reading. One private half-hour lesson a week (1 credit) \$15.00. Two private half-hour lessons a week (two credits) \$30.00. All quarters. Newell.

Speech 140. Speech Clinic. A study of procedures in handling remedial speech in the public school and clinical practice in treating speech disorders. Five credits.

Speech 162. Speech in the Public School. A course in the techniques of setting up a speech program to meet the needs of elementary and junior high school pupils. Three credits.

Speech 164. Dramatics in the Public School. Techniques in handling dramatic work in the public schools. Spring quarter. Two credits. Newell.

SUMMARY OF ENROLMENT, 1943-1944

Summer Quarter, 1943:

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Residence regular	24	247	271
Residence special	7	62	69
	<hr/>	<hr/>	<hr/>
Residence total	31	309	340
Correspondence	10	67	77
Extension	0	19	19
	<hr/>	<hr/>	<hr/>
Summer total (duplicates excluded)	39	385	424

Fall, Winter, Spring, 1943-1944:

Residence regular	18	172	190
Residence special	17	34	51
	<hr/>	<hr/>	<hr/>
Residence total	35	206	241
Correspondence	25	110	135
Extension	7	110	117
	<hr/>	<hr/>	<hr/>
Fall, winter, spring total (duplicates excluded)	67	417	484

Summer 1943 and Fall, Winter, Spring, 1943-1944:

Residence total summer, fall, winter, spring, 1943-1944 (duplicates excluded)	65	457	522
Correspondence total summer, fall, winter, spring, 1943-1944 (duplicates excluded)	27	135	162
Extension total summer, fall, winter, spring, 1943-1944 (duplicates excluded)	7	130	137
	<hr/>	<hr/>	<hr/>
Grand total (summer, fall, winter, spring, duplicates excluded)....	98	696	794

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