

OREGON STATE SYSTEM
OF HIGHER EDUCATION
BULLETIN



PORTLAND
SUMMER SESSION
1940

University of Oregon * Oregon State College
Oregon College of Education * Southern Oregon College of Education
Eastern Oregon College of Education

State Board of Higher Education

	Term Expires
F. E. CALLISTER, Albany.....	1941
BEATRICE WALTON SACKETT, Marshfield.....	1942
C. A. BRAND, Roseburg.....	1943
E. C. SAMMONS, Portland.....	1944
ROBERT W. RUHL, Medford.....	1945
EDGAR W. SMITH, Portland.....	1946
WILLARD L. MARKS, Albany.....	1947
R. C. GROESBECK, Klamath Falls.....	1948
MAC HORE, Pendleton.....	1949

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Office of the State Board of Higher Education
Eugene, Oregon

Portland Summer Session

of the

University of Oregon, Oregon State College
Oregon College of Education, Southern Oregon College of Education
Eastern Oregon College of Education

June 17--July 26

1940

Oregon State System of Higher Education

THE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions, located at six different places in the state, are now elements in an articulated system, parts of an integrated whole. The educational program is so organized as to distribute as widely as possible throughout the state the opportunities for general education and to center on a particular campus specialized, technical, and professional curricula closely related to one another.

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the University of Oregon Medical School at Portland, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande.

Each of these institutions, except the Medical School which is on a graduate basis, provides the general studies fundamental to a well-rounded education. At the three colleges of education general and professional studies are combined in the teacher-training curriculum. At the Southern Oregon College of Education and the Eastern Oregon College of Education students who do not plan to become elementary school teachers may devote their time exclusively to lower-division studies in the liberal arts and sciences.

At the University and the State College two years of specialized work in liberal arts and sciences are provided on a parallel basis in the Lower Division. Beyond the lower-division level the work of the two institutions is distinctly differentiated. At the University are centered the advanced curricula in the arts, letters, and social sciences, and the professional schools resting on these fundamental fields of knowledge. At the State College are centered the advanced curricula in the physical and biological sciences and the professional schools resting on these natural sciences.

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Oregon State System of Higher Education

Executive Officers

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor
WILLIAM JASPER KERR, D.Sc., LL.D., Chancellor Emeritus

DONALD MILTON ERB, Ph.D. President, University of Oregon	GEORGE WILCOX PEAVY, Sc.D., LL.D. President, Oregon State College
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WALTER REDFORD, Ph.D. President, Southern Oregon College of Education	ROBEN JOHN MAASKE, Ph.D. President, Eastern Oregon College of Education

Deans and Directors

ERIC WILLIAM ALLEN, A.B. Dean and Director of Journalism
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CHARLES DAVID BYRNE, M.S. Director of Information
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RICHARD BENJAMIN DILLEHUNT, M.D. Dean and Director of Medicine;
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Teacher Training
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ELLIS FULLER LAWRENCE, M.S., F.A.I.A. Dean and Director of Architecture
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RALPH WALDO LEIGHTON, Ph.D. Dean and Director of Physical Education
LUCY MAY LEWIS, A.B., B.L.S. Director of Libraries
AVA BERTHA MILAM, M.A. Dean and Director of Home Economics
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GEORGE WILCOX PEAVY, M.S.F., Sc.D., LL.D. Dean and Director of Forestry
ALFRED POWERS, A.B. Dean and Director of General Extension
WILLIAM ALFRED SCHOENFELD, M.B.A. Dean and Director of Agriculture
MAHLON ELLWOOD SMITH, Ph.D. Dean and Director of Lower Division
GENEVIEVE GRIFFITH TURNIPSEED, M.A. Director of Dormitories
ADOLPH ZIEFLE, M.S., Phar.D. Dean and Director of Pharmacy

Each dean and director in this list is interinstitutional in function, and the chancellor's principal adviser in his field.

The Portland Summer Session

OF THE UNIVERSITY OF OREGON, OREGON STATE
COLLEGE, AND THE OREGON COLLEGES
OF EDUCATION

The Faculty, 1940

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor, Oregon State System of Higher Education.
DONALD M. ERB, Ph.D., President, University of Oregon.
GEORGE WILCOX PEAVY, M.S.F., D.Sc., LL.D., President, Oregon State College.
CHARLES ABNER HOWARD, M.A., LL.D., President, Oregon College of Education.
WALTER REDFORD, Ph.D., President, Southern Oregon College of Education.
ROBEN J. MAASKE, Ph.D., President, Eastern Oregon College of Education.
ALFRED POWERS, A.B., Director of Summer Sessions, Oregon State System of Higher Education; Director of the Portland Summer Session.
WILLIAM GILBERT BEATTIE, A.B., Assistant Director of Portland Summer Session.

OLOF LARSELL, Ph.D., Dean of the Graduate Division, Oregon State System of Higher Education.
LOUIS BERELSON, Ph.D., Secretary of Summer Sessions, Oregon State System of Higher Education.
EARL MANLEY PALLETT, Ph.D., Registrar.
RUTH HALL, B.A., Librarian.
MARGARET MORRISON SHARP, Secretary.

HUBERT C. ARMSTRONG, M.A. *Consultant in Individual Guidance, Oakland Public Schools*
B.S. (1930), M.S. (1931), Washington. Assistant director of research, Oakland public schools (1931-33); assistant director of individual guidance (1933-34); associate in individual guidance (1934-37); acting head, Department of Individual Guidance (1937); consultant in individual guidance (1939—). Summer session teaching: Mills, Oregon State and Portland (1939).

SUZANNE M. BEATTIE, M.A. *Instructor in French, Portland Extension Center*
B.A. (1919), University of Paris; B.A. (1920), Lawrence College; M.A. (1937), Oregon. Instructor in French (1937—).

WILLIAM GILBERT BEATTIE, B.A. *Professor of Education, and Assistant Director of General Extension*
B.A. (1901), Oregon. Superintendent, Sitka Industrial School, Alaska (1905-11); superintendent of schools, Southeastern Alaska, U. S. Bureau of Education (1911-16); superintendent of schools, Cottage Grove (1916-17, 1919-20); industrial director, Metlakatla, Alaska (1917-19); head, rural department, Oregon Normal School (1920-26). Faculty, Oregon (1926—); professor, and assistant director of General Extension (1940—).

LOUIS BERELSON, Ph.D. *Adviser in General Studies, Portland Extension Center*
A.B. (1930), Whitman; M.A. (1931), California; Ph.D. (1934), Virginia. Administrative assistant, Portland Extension Center (1935-37); secretary of summer sessions (1937—); adviser in General Studies (1938—).

- PATRICK BRAYBROOKE.....*Lecturer, Liverpool Lecture League*
King's College, London. F.Ph.S. (1925); F.R.S.L. (1926); F.R.S.A. (1935). Lecturer for London County Council; staff lecturer, Liverpool Lecture League.
- GRACE BRIDGES.....*Director of Auditorium, Portland Public Schools*
Teacher, Portland public schools; director of auditorium (1928—); instructor in children's theater, Portland Extension Center (1936—). Summer session teaching: Oregon Normal School (1927-28); Northwestern (1930); Utah (1934).
- MADELINE BRUMBAUGH, M.S.....*Instructor, Township High School, Evanston, Illinois*
B.S. (1924), M.S. (1928), Oregon State. Instructor, Astoria High School (1924-27); Pendleton High School (1928); Township High School, Evanston (1928—). Summer session teaching: Ball Teachers College (1928).
- DAVID BEASLEY CAMPBELL, B.M.....*Instructor in Music, Portland Extension Center*
B.M. (1930), Oregon. Director of conservatory, Whitman College (1915-18); director, Ellison-White conservatory, Portland (1919-26). Private teaching, Portland (1926—).
- HILDA CHASE, M.S.....*Instructor in Physical Education, Pasadena Junior College*
B.A. (1926), Oregon; M.S. (1934), Southern California. Oregon rural schools (1918-27); supervisor, Lewiston, Idaho (1927-28); instructor, Pasadena elementary (1928-29), senior high school (1929-33), Pasadena Junior College (1933—).
- BURT EINAR CHRISTENSEN, Ph.D.....*Assistant Professor of Chemistry, Oregon State College*
B.S. (1927), Washington State College; M.S. (1929), Ph.D. (1931), University of Washington. Research chemist, Allied Chemical and Dye Co. (1927-28); instructor (1931-34), assistant professor (1934—), Oregon State College.
- PERCY M. COLLIER, B.A., LL.B.....*Assistant Professor of English, Portland Extension Center*
B.A. (1911), Oregon; LL.B. (1914), Michigan. Lecturer (1929-30); assistant professor (1930—). Secretary, Oregon High School Debating League (1929—).
- CALVIN CRUMBAKER, Ph.D.....*Professor of Economics, University of Oregon*
B.S. (1911), Whitman; M.A. (1927), Washington; Ph.D. (1930), Wisconsin. Assistant professor of economics, Montana (1923-30); assistant in economics, Wisconsin (1928-30); associate professor, Oregon (1930-33); professor (1933—).
- ROBERT H. DOWN, M.A.....*Instructor in History, Portland Public Schools*
B.L. (1904), Mount Angell; LL.B. (1909), M.A. (1920), Oregon. Superintendent of schools, Brownsville (1918-19), Lebanon (1919-20); head of department of history, Franklin High School, Portland (1920—); instructor in politics, Portland Extension Center (1921-23); assistant professor of sociology, Oregon (1929).
- CHESTER R. DUNCAN, M.M.....*Supervisor of Music, Portland Public Schools*
B.M. (1931), M.M. (1934), Washington. Supervisor of music, Vancouver (1932-38); Portland (1938—). Summer session teaching: Washington.
- RUDOLF H. ERNST, Ph.D.....*Professor of English, University of Oregon*
B.A. (1904), Northwestern College; M.A. (1912), Ph.D. (1918), Harvard. Faculty, Northwestern College (1904-05, 1907-08), Washington (1912-13); assistant professor (1923-24), associate professor (1924-30), professor (1930—), Oregon.
- VICTOR A. FIELDS, M.A.....*Director of Speech Clinic, College of the City of New York*
B.S. (1926), C.C.N.Y.; M.A. (1930), Columbia. Instructor in speech education, speech pathology, and educational dramatics, C.C.N.Y. (1926—); director of speech clinic (1932—).
- ALEXANDER GOLDENWEISER, Ph.D.....*Professor of Thought and Culture, Portland Extension Center*
A.B. (1902), M.A. (1904), Ph.D. (1910), Columbia. Lecturer, Columbia (1910-19); New School for Social Research (1919-26); Rand School of Social Science (1915-29); visiting professor of sociology, Reed College (1933-39); professor of thought and culture (1930—); acting head, Department of Anthropology, Wisconsin (1937-38). Summer session teaching: Washington, Oregon, Stanford, Buffalo.

- HANCE F. HANEY, Ph.D., M.D.....*Associate Professor of Physiology and Head of the Department, Medical School*
B.A. (1926), M.A. (1928), Ph.D. (1934), Wisconsin; M.D. (1934), Chicago. Instructor of physiology, Wisconsin (1927-35); interne, Henry Ford Hospital, Detroit (1935-36); assistant professor of physiology, Medical School (1936-39); associate professor and head of department (1939—).
- WILLIAM T. HERON, Ph.D.....*Associate Professor of Psychology, University of Minnesota*
A.B. (1920), A.M. (1921), Kansas; Ph.D. (1924), Chicago. Assistant in psychology, Chicago (1922-23); assistant professor of philosophy and psychology, Kansas (1923-26); assistant professor of psychology, Minnesota (1926-36); associate professor (1936—).
- JANE F. HILDER.....*Instructor in Remedial Reading, George Washington University*
Instructor, Washington, D. C. public schools (1917-34); counsellor, Cook School Character Education Experiment, Washington, D. C. (1934-36); director and teacher of remedial reading, Fifth Division, District of Columbia public schools (1936—); instructor, George Washington University (1937—).
- BERNARD HINSHAW, B.A.....*Associate Professor of Art, Portland Extension Center*
B.A. (1926), Illinois Wesleyan; Diploma (1930), Art Institute of Chicago. Faculty, Illinois Wesleyan (1931-35); associate professor, Portland Extension Center (1935—).
- CHARLES M. HULTEN, M.A.....*Assistant Professor of Journalism, University of Oregon*
B.A. (1929), M.A. (1931), Wisconsin. Editor, University of Wisconsin Press Bulletin (1930-31); instructor, Oregon (1934-35); assistant professor (1935—); acting assistant professor of journalism, Stanford (1939-46).
- WENDELL H. HUTCHENS, M.D.....*Clinical Associate in Psychiatry, Child Guidance Clinic, Medical School*
B.S. (1928), Pacific College; A.B. (1929), M.D. (1932), Oregon. Instructor in psychiatry, Medical School (1934-37); clinical associate in psychiatry, and instructor in neuropathology (1937—); psychiatrist, Oregon State Traveling Child Guidance Clinic (1936—); psychiatrist, Emanuel Hospital Psychiatric Unit (1938—); consultant, Multnomah County Hospital (1934—).
- JOHN A. IRVING, M.A. (Cantab.).....*Professor of Philosophy, University of British Columbia*
B.A. (1930), M.A. (1934), Cambridge. Instructor in philosophy, Princeton (1930-31); assistant professor (1931-38); professor of philosophy, British Columbia (1938—).
- JAY C. KNODE, Ph.D.....*Dean of the General College, University of New Mexico*
B.A. (1908), M.A. (1922), Nebraska; Ph.D. (1930), Columbia. Public school administration, Wyoming (1915-27); director of admissions, Long Island University (1929); dean of men and professor of philosophy and education, New Mexico (1929-35); dean of the general college (1935—). Summer session teaching: San Diego State College (1931); Colorado (1932); Oregon (1934, 1936, 1938).
- LOUIS KNOTT KOONTZ, Ph.D.....*Associate Professor of History, University of California at Los Angeles*
A.B. (1908), Washington and Lee; M.A. (1914), Ph.D. (1920), Johns Hopkins. Faculty, U.C.L.A. (1922—). Managing editor, Pacific Historical Review (1936—). Summer session teaching: West Virginia, New Mexico.
- DOROTHEA MARIE LENSCH, M.S.....*Director of Recreation, Portland Bureau of Parks and Recreation*
B.A. (1929), Oregon; M.S. (1930), Wellesley. Instructor in physical education, Rockford College (1930-36); dance director, George Washington (1936-37); director of recreation, Portland Bureau of Parks (1937—).
- ALFRED L. LOMAX, M.A.....*Professor of Business Administration, University of Oregon*
B.B.A. (1923), Oregon; M.A. (1927), Pennsylvania. Assistant disbursing officer, U.S. Shipping Board; assistant professor, Oregon (1919-20); professor (1920—); instructor, Wharton School of Finance and Commerce, Pennsylvania (1925-27); visiting professor of geography, Hawaii (1938-39).

- JAY B. LONG, B.S. *Instructor in Fish and Game Management, Oregon State College*
B.S. (1939), Oregon State. Instructor, Oregon State (1940—).
- IVOR N. MADSEN, Ph.D. *Professor of Education, Lewiston State Normal School, Idaho*
B.S. (1911), Coe College; M.A. (1915), Ph.D. (1923), Iowa State. Professor of education, Albany (1916-18); Omaha (1919-20); Lewiston State Normal (1920—). Summer session teaching: Washington, Montana, Western State Teachers College (Mich.).
- HARVEY C. MANSFIELD, Ph.D. *Assistant Professor of Government, Yale University*
A.B. (1927), M.A. (1928), Cornell; Ph.D. (1932), Columbia. Instructor in government, Yale (1929-33), assistant professor (1933—); acting assistant professor of political science, Stanford (1939-40). Senior consultant, President's Committee on Administrative Management (1936).
- LEWIS C. MARTIN, Ph.D. *Assistant Director of Department of Research and Handicapped Children, and Supervisor of Special Education, Portland Public Schools*
A.B. (1924), Eugene Bible University; Ph.D. (1930), University of Vienna. Instructor in psychology and sociology, American College, Samakur, Bulgaria (1924-26); American Collegiate Institute, Istanbul (1928-29); instructor in psychology and education, Reed College (1930-33); supervisor of special education and psychologist, Portland public schools (1936—).
- DONALD MARYE, B.A. *Director, Portland Civic Theatre*
B.A. (1926), Carnegie Institute of Technology. Director, Anniston (Ala.) Little Theatre (1927-29); Gadsden (Ala.) Little Theatre (1929-32); Houston (Texas) Repertory Theatre (1932-33); Chattanooga (Tenn.) Little Theatre (1933-37); Portland Civic Theatre (1937—).
- ELIZABETH BRIGGS MONTGOMERY, Ph.D. *Assistant Professor of Education, University of Oregon*
A.B. (1919), Willamette; M.A. (1925), Stanford; Ph.D. (1935), Oregon. Faculty, Adams State Teachers College, Colorado (1925-31); Portland Center (1935-36); assistant professor, Oregon (1936—).
- ANNE M. MULHERON, A.B. *Visiting Instructor in Library Methods*
A.B. (1906), Michigan. Student, Western Reserve Library School, New York State Library School; library work, Cleveland, Detroit, Los Angeles; librarian of the Portland Library Association (1920-37).
- MEYER F. NIMKOFF, Ph.D. *Professor of Sociology, Bucknell University*
A.B. (1926), Boston; M.A. (1928), Ph.D. (1928), Southern California. Assistant in sociology, Southern California (1926-27); assistant professor, Bucknell (1928-30); associate professor (1931-33); professor (1933—); director, Institute for Family Guidance, Los Angeles (1930-31). Summer session teaching: Ball State Teachers College (1936), Southern California (1937), Michigan State (1939).
- HAROLD J. NOBLE, Ph.D. *Associate Professor of History, University of Oregon*
A.B. (1924), Ohio Wesleyan; M.A. (1925), Ohio State; Ph.D. (1931), California. Instructor, Ewha College, Seoul, Korea (1926-28); lecturer, California (1930-31); assistant professor, Oregon (1931-33); associate professor (1933—). Rockefeller Fellow in Tokyo (1936-38); professor, The Third College, Kyoto (1939).
- MABLE HOLMES PARSONS, M.A. *Professor of English, Portland Extension Center*
B.A. (1904), M.A. (1905), Michigan; special research, Michigan (1906-07); British Museum (1924-25). Faculty, Oregon (1912-19); professor of English (1919—).
- OLIVE S. PECK, M.A. *Supervisor of Sight-Saving, Cleveland Public Schools; Lecturer in Education, Western Reserve University*
B.S. (1934), M.A. (1938), Western Reserve. Supervisor, Northern Ohio sight-saving classes, Ohio State Department of Education (1933-34); supervisor, sight-saving classes, Cleveland public schools (1934—). Lecturer, National Society for Prevention of Blindness; lecturer in education, Western Reserve (1939—). Summer session teaching: Western Reserve.

- HENRY F. PRICE, Ph.D. *Professor of Mathematics, Pacific University*
A. B. (1906), Swarthmore; M.A. (1912), Ph.D. (1915), Pennsylvania. Professor of mathematics, Pacific (1920—). Summer session teaching: Stanford (1929).
- HOWARD C. RAY, M.S. *Supervisor of Physical Education, Palo Alto, California, Public Schools*
B.S. (1913), Oregon State; M.S. (1937), Louisiana State. Supervisor of physical education, Palo Alto (1921—). Summer session teaching: Stanford (1921), Oregon (1939).
- HARRY JOHNSON SEARS, Ph.D. *Professor of Bacteriology and Public Health and Head of Department, Medical School*
A.B. (1911), A.M. (1912), Ph.D. (1916), Stanford. Instructor in chemistry, Stanford (1911-13); instructor in bacteriology (1914-16); city chemist and bacteriologist, Berkeley, Cal. (1916-18); professor of bacteriology, Medical School (1918—).
- EDGAR H. WHITNEY, B.A., LL.B. *Assistant Superintendent of Schools, Portland*
Ph.B. (1892), Ash Grove College; LL.B. (1913), B.A. (1924), Oregon. Superintendent, Tillamook (1902-06); The Dalles (1905-07); principal, elementary schools, Portland (1908-18); assistant superintendent, Portland (1918—).
- ESTHER W. WUEST *Supervisor of Art, Portland Public Schools*
Graduate, Chicago Art Institute; pupil of John Vanderpool and Lorado Taft; student, Academie Julien, Paris (1921).

The Portland Summer Session

1940

THE Portland Summer Session of the State System of Higher Education combines offerings for the University of Oregon, Oregon State College, and the Oregon colleges of education. The twenty-third session begins on June 17 and continues for six weeks until July 26. Students may carry on their work in sequential programs of study for an additional four weeks in the University of Oregon post session at Eugene, or for an additional five weeks in the Oregon State College second session at Corvallis.

Students wishing to spend the vacation weeks in the stimulating surroundings of a large city will find a metropolitan environment in Portland, with its third of a million population; and yet at the very outskirts of the city begins the scenic wonderland of Oregon. The Cascades, the Columbia Gorge, and the Oregon coast offer unsurpassed opportunities for weekend recreation. Lincoln High School where the classes will be held is centrally located, but fronts on a parked area, which, with its grass and trees, gives the school somewhat the seclusion of a college campus in the midst of a busy city.

Portland Office. The Portland office of the State System of Higher Education is located at 814 Oregon Building, Fifth and Oak streets; the telephone number is ATwater 2165. All administrative details of the classes of the Portland summer session are handled from this office. Office hours are from 9:00 a.m. to 5:00 p.m., with the exception of Saturday, when the office closes at noon.

Registration. All classes will be held at Lincoln High School, Park and Market streets. Classes begin Monday, June 17, as scheduled. Students, whether registered or not, should report for classes the first day of the session, and register between periods or in the afternoon. Students will register at Lincoln High School until noon, and at 814 Oregon Building from 2:00 until 5:00 p.m., during each day of the period of registration. Registration closes Saturday, June 22, at noon. Students living in Portland or arriving before the opening of the session will find it convenient to enroll beforehand at the office in the Oregon Building. The administrative staff and members of the faculty will serve as advisers, and will be available throughout the registration period for conferences in regard to selection of suitable courses, requirements, credits, and the relation of the summer program to the general academic program of the student.

State System of Higher Education. In Oregon all the state institutions of higher education are operated as a correlated unit in the State System of Higher Education under a Chancellor and a single Board. Through the benefits of this organization, the Portland Summer Session draws upon the resources, the curricula and the faculties of all the institutions. Credit earned in Portland may be counted as resident credit in the University, the State College or the colleges of education, as may be determined by the major program of the student. Students receive their degrees from the University or the State College according to the major subject. For the work available at the two institutions and the specific requirements for degrees the student should consult the institutional catalogs.

Admission and Degrees. The only requirement for admission to the summer session is ability to do the work.

Admission to Work for Degrees. Students who wish to become candidates for a degree from the University or the State College, or for a certificate from one of the colleges of education, must satisfy the regular entrance requirements of the State System of Higher Education, which are uniform for all the institutions and which are stated in detail in the general institutional catalogs, or in the leaflet, "Entrance Information" of the State System of Higher Education. As early as possible before the session, such students should furnish a complete official transcript covering all work taken above the eighth grade. This information should be filed with the registrar of the institution where continuing study is planned. Credit earned in Portland is recorded with the registrar of the University of Oregon at Eugene, who is the official registrar of the Portland Summer Session and who will send transfer of credits to the State College or the Oregon colleges of education in the State System of Higher Education or to other universities, colleges or normal schools.

Residence Requirement for Degrees. For a degree from the University of Oregon or Oregon State College, not less than the last 45 term hours must be taken in residence. This requirement, with the approval of the Academic Requirements Committees, may be fulfilled by satisfactory completion of the normal study load during an attendance of 30 weeks in the Portland Summer Session. Or to satisfy the residence requirement, attendance at Portland may be combined with work in the Corvallis or Eugene summer session or with work during the regular terms on the campuses or in the Portland Extension Center. The amount of credit earned in the Portland Summer Session that may be applied toward a certificate from one of the colleges of education depends upon the particular program, regarding which the director or the faculty adviser should be consulted.

Further information concerning admission, advanced standing, transfer of credits, and graduation requirements, may be obtained from the registrars of the institutions.

Academic Credit. In the Portland Summer Session a student may carry the amount of work necessary to earn nine term hours of credit.

Visiting Students. Filing of credentials is not required of teachers or of undergraduate students of good standing in other standard institutions who wish to transfer credits earned in the Portland Summer Session to other universities, colleges, and normal schools. Students debarred from, or on probation at, other institutions may not take courses in the Portland Summer Session with or without credit.

Graduate Credit. In the Portland Summer Session, or in this session in combination with the Portland Extension Center, a graduate student may earn all the work necessary for a master's degree in General Studies, or 15 hours toward a departmental master's degree. Thus a student may earn the General Studies degree entirely in the Portland Summer Session by attending five consecutive sessions, or may attend two sessions to combine with other work at the College or the University for a departmental master's degree. There is offered a considerable number of advanced courses which are so arranged that they may be taken for graduate credit. Graduate credit in the Portland summer session is given for courses marked (G) following the title, and for courses numbered 500-599.

The preliminary and final examinations for the master's degree must be taken on the campus from which the degree is to be obtained.

Admission. To be admitted to the Graduate Division a student must submit an application accompanied by a transcript of the credits earned for his bachelor's degree. Such admission, however, does not of itself entitle a student to become a candidate for a degree. Temporary admission is sometimes granted to summer students without these credentials, but in such cases credits earned are provisional until a copy of the transcript is filed. Graduate summer students, including those who wish to apply their Oregon credits toward advanced de-

grees in other institutions, should send an undergraduate transcript in advance to the Registrar of the University of Oregon at Eugene, or the Registrar of Oregon State College at Corvallis, or bring a copy with them.

Preparation. To be eligible for a graduate major in any subject for a departmental degree, the student must have had an undergraduate major or its equivalent in that subject; at the University of Oregon or Oregon State College this means a minimum of 36 term hours. Students lacking part of this preparation may be required to take courses in the major department without graduate credit until the preparation is accepted as adequate. For the General Studies degree, a student must present evidence of satisfactory preparation in the field in which he elects to work.

Study Program. Graduate students beginning work toward a degree will be expected to work out, in tentative form at least, a complete program of study leading toward the degree desired. This program should allow sufficient time for completion of the thesis or essay. Work on the thesis or essay should be begun as early as possible.

Grade Requirements. For graduate students an average of B (GPA 3.00) is required on all of the work carried for graduate credit. No D grades will be counted for graduate credit.

Residence Requirement. For a master's degree one year of residence is required, or 45 term hours of graduate work. This work may be earned in the summer sessions, including the Portland session as indicated, but work for a master's degree in the University of Oregon or Oregon State College must be completed within a period of five years. All work at another institution for which credit is transferred must have been done within the same five-year period.

Language Requirement. For the Master of Arts degree, the student must show, by examination or by adequate undergraduate courses, a reading knowledge of one relevant foreign language, preferably French or German. For the Master of Science degree there is no foreign language requirement.

Transferred Credit. Graduate credit to a maximum of 15 hours may be transferred from another accredited institution, with the approval of the major department and the Graduate Council; but such transferred credit may not shorten the residence requirement. Credit may not be transferred until a student has completed a term in residence at the University, the State College, or the Portland Extension Center.

Preliminary Examination. A student working toward a master's degree is given a preliminary examination to ascertain whether he is fitted, both by temperament and by basic training, to pursue work on the graduate level in his chosen fields. The student should arrange with his adviser to take this examination before he has completed one-third of the work for the degree. When the preliminary examination has been passed, the student is advanced to candidacy for the degree. Not less than one-third of the course work for the degree should be registered for and completed after the student has been advanced to candidacy. Graduates of the University who have taken the bachelor's degree with honors in the field of the graduate major are ordinarily exempt from the preliminary examination for the master's degree. Graduates of the State College who have maintained a grade-point average of at least 3.25

throughout their undergraduate work may be exempted from taking the preliminary examination.

Thesis and Final Examination. Information concerning the form for typing the thesis may be obtained from the graduate office on the campus where the degree is to be taken. Theses must be filed with the graduate office concerned two weeks before the final examination is taken. The examination will be given on the campus of the institution from which the degree is desired.

Maximum Registration. The maximum number of hours that may be carried by a graduate student is nine for the six-week session.

Master of Arts—General Studies.

The Master of Arts General Studies degree is granted (a) for research in inter-departmental fields, and (b) for achievement in cultural scholarship.

The degree is general only in terms of using the resources of several departments, but is intensive in terms of the subject, period, or problem studied. The degree is a recognition that the graduate interests of the student are sometimes better served by a coordinated grouping of disciplines than by the graduate courses found in a single department, and that cultural scholarship may sometimes be better achieved by an integration that disregards departmental requirements. The General Studies degree usually contemplates a certain complex of courses covering two or more departments. A considerable range may be worked out in the Portland Summer Session and the Portland Extension Center.

The purpose of the degree is to adapt as far as possible the program of studies to each individual student. The particular interest of the student may be in terms of a problem in which he is interested, a field of knowledge which he wishes to explore from many sides, or a period of culture. The committee may, on recommendation of the student's adviser, waive the regular foreign-language requirement for the M.A. degree. The thesis or essay may be waived by the committee. Requirements as to credits, grades, time limit, hours, preliminary and final examinations, and fees are the same as for the departmental degree. The preliminary examination should be taken before or upon completion of approximately one-third of the work for the degree.

A student seeking this degree should make application through the Portland Center Office to the General Studies Committee either before or as soon as he enters upon graduate work. The resident adviser in the Portland Center and the Portland Summer Session is Dr. Louis Berelson, whose office is in Lincoln High School during the summer session. Application forms and detailed instructions will be furnished in the general offices of the Portland Center, 814 Oregon Building, or in the summer office at Lincoln High School.

Grading System. The grading system consists of four passing grades, A, B, C, D; failure, F; incomplete, Inc.; withdrawn, W. A denotes exceptional accomplishment; B, superior; C, average; D, inferior. Students ordinarily receive one of the four passing grades or F. When the quality of the work is satisfactory, but the course has not been completed, for reasons acceptable to the instructor, a report of Inc. may be made and additional time granted. Students may withdraw from a course by observing the usual regulation and by filing the proper blanks at the summer session office at Lincoln High School or 814 Oregon Building. A student who discontinues attendance in a course without official withdrawal receives a grade of F.

Course-Numbering System. The courses in this catalog are numbered in accordance with the course-numbering system of the State System of Higher Education. Lower-division (freshman and sophomore) courses are numbered below 300. Upper-division (junior and senior) courses are numbered from 300 to 499. A large (G) following the name of a 400 course indicates that the course may be taken for graduate credit. Graduate courses are numbered 500-599.

A summer-session course that is essentially identical with a course offered during the regular academic year is given the same number.

A summer-session course that is similar to a course offered during the regular academic year, but differs in some significant respect, is given the same number followed by "s."

A course offered during the summer session which does not parallel any course offered during the regular academic year is given a distinct number followed by "s".

Fees. Registration and other fees applicable in the summer sessions are as follows:

Registration fee for regular six-week session.....	\$25.00
Students registering for more than three hours of work pay this fee. There is no additional out-of-state tuition for the summer sessions.	
Late-registration fee	1.00
Students registering after the close of the first week pay this fee.	
Single-course fee for students not carrying more than three hours, per credit hour.....	3.50
Auditor's fee, six-week session, per course.....	6.00
Examination fee for graduate students not enrolled in summer sessions.....	10.00
Paid by students not enrolled who take preliminary or final examinations for advanced degrees during summer sessions. Students enrolled for part-time work, for which they pay a fee of less than \$10.00, pay the difference between their registration fee and \$10.00 for the privilege of taking such examinations.	
Graduation fee	6.50

Laboratory and special fees in connection with particular courses are indicated in the course descriptions.

Refunds. The following refunds of fees will be made to students withdrawing from the six-week summer sessions:

Up to and including June 24.....	A refund of three-fourths of the registration fee.
After June 24 and up to and including July 1.....	A refund of one-half of the registration fee.
After July 1 and up to and including July 8.....	A refund of one-fourth of the registration fee.
After July 8.....	No refunds will be made, except in case of illness, in which case a refund of one-fourth of the registration fee will be made up to close of the fifth week.

Refunds of laboratory fees will be determined in individual cases, the amount to depend partly on whether laboratory materials have been purchased for the student.

Library. The collections of the Portland Public Library, totaling 492,000 volumes, are available to the students of the Portland summer session. For convenience, reference books covering assignments in all courses will be placed in the Lincoln High School Library (Room 217), which is open daily, except Saturday and Sunday, from 8:00 a.m. to 4:00 p.m. Miss Ruth Hall has been assigned to Lincoln High School as special summer-session librarian.

Textbooks. Textbooks are not listed in this catalog, but will be announced by the instructors at the first meeting of the classes, Monday, June 17. Books may be obtained from Portland book stores.

Room and Board. One of the advantages of the location of the Portland Summer Session is the wide range of satisfactory living accommodations. Room and board in private houses, boarding establishments, or residential hotels, may be secured at varying prices in accordance with the wishes and demands of the

students; arrangements for housekeeping rooms may be made at many apartment houses at low summer rates. The summer office will furnish a list of living accommodations available in the city for summer students.

As a special convenience for summer-session students, the Lincoln High School cafeteria will be open every school day for breakfast and lunches.

Recreation. A number of recreational features will be arranged for students in the Portland Summer Session. There will be excursions and picnics to picturesque points of interest, and various scientific field trips under the leadership of members of the faculty. Special public lectures will be given by faculty members and distinguished visitors.

On Saturday, July 13, there will be a trip to Timberline Lodge, high upon the slopes of Mt. Hood. Additional week-end trips may be arranged in accordance with the wishes of a sufficient group of students.

Conference on Radio and Education, July 18 and 19. A two-day conference on education and radio will be given as a cooperative program by the Portland Summer Session; the Federal Radio Education Committee of the U. S. Bureau of Education; the Portland Public Schools; KOIN-KALE and *The Oregon Journal*; KGW-KEX and *The Oregonian*; KOAC, state-owned station; KBND, Bend; KORE, Eugene; KUIN, Grants Pass; and other Oregon radio stations.

Assemblies. Three mornings a week from 10:50 to 11:10 o'clock, students will meet in the auditorium for assembly. The programs will consist of fifteen-minute addresses, musical programs, brief dramatizations of class projects, readings, and other features by students, faculty, and distinguished summer visitors to Portland.

The Summer Sun, a four-page weekly newspaper, devoted exclusively to summer-school matters, is published by the journalism classes in the Portland session in cooperation with the journalism classes in the University of Oregon Summer Session at Eugene, and is distributed free to the faculty and students of the Portland Summer Session.

Pacific Northwest Institute of International Relations. The Pacific Northwest Institute of International Relations will meet in Portland from June 16 to June 26 under the auspices of Reed College and the Portland Summer Session. Students in the Portland session will have the privilege of attending the meetings of the Institute. The Institute will be of special interest to students registered in social-science classes.

Clinical and Demonstration School. For the past fourteen summers a demonstration school has been a special feature at the Portland session. This summer, in cooperation with the Portland Public Schools, a Clinical and Demonstration School will be held in the Shattuck School, a few blocks from Lincoln High School, where the regular Portland session classes are scheduled.

Post Session. Portland session students may go to the Eugene campus for an additional month's work in the post session, July 29 to August 23, or to the Corvallis campus for an additional five weeks' work in the second session, August 2 to August 31. Students intending to continue in the post session should

inform their advisers at the time of making out the six-week program, so that sequences for a ten-week or eleven-week program may be planned.

Calendar. Following are dates of special importance during the six-week period of the Portland Summer Session:

June 17-22.....	Registration for summer session. Registration will take place simultaneously with classes.
June 17.....	Classes begin at once with full lectures the first day.
June 22.....	Special Saturday class day. This is the only Saturday classes will be held, to provide a four-day Fourth of July interim.
June 24.....	Last day for adding a course.
July 4, 5.....	Holiday. (There will be no classes on Friday, July 5, but the time missed will be made up on Saturday, June 22.)
July 13.....	Trip to Timberline Lodge.
July 18, 19.....	Conference on Radio and Education.
July 22.....	Last date for withdrawal from a course.
July 25, 26.....	Final examinations. Thursday morning, 8 and 9 o'clock classes; Thursday afternoon, special and afternoon classes; Friday morning, 10 and 11 o'clock classes.
July 26.....	Work closes at noon.

Correspondence Study. Students of the summer sessions, especially teachers, may frequently find a schedule of correspondence courses through which to continue their program of study after the close of summer sessions. Correspondence courses available through the General Extension Division are listed on the inside of the back cover of this catalog.

Extension Classes. The Oregon State System of Higher Education maintains an Extension Center in Portland where during the three regular terms of the academic year more than 170 night and late afternoon courses are offered by various schools and departments of the University of Oregon, Oregon State College, and the Oregon colleges of education. The Portland Extension Center announcements for 1940-41 will be available in the office of the director of the summer sessions about July 27. Extension classes are also organized in other cities of the state when there is sufficient demand.

Description of Courses

For an explanation of the course-numbering system see page 13. All classes meet daily, and carry three hours of credit, except where otherwise explicitly stated. The hours stated after the course title indicate the term hours of credit which may be earned.

ANTHROPOLOGY

PROFESSOR: GOLDENWEISER

Anth 419s. The American Indian: Indians of the Pacific Northwest. Three hours.

This course comprises a somewhat systematic and detailed study of the culture of the Northwest Indians, in some respects the most advanced native culture of the North American continent. Special emphasis will be placed on socio-political organization, ceremonialism and technical accomplishments. The techniques of craftsmanship, particularly in wood, brought to so high a state of perfection among these Indians, received their highest expression in decorative art, especially in totem poles, memorial columns, and artistically decorated household objects. These will be examined in detail at the hand of numerous illustrations. The disheartening story of the more recent years in the life history of these natives will be told towards the end of this course. Daily, 11:00. Room 104.

ART

ASSOCIATE PROFESSOR: HINSHAW. VISITING INSTRUCTOR: WUEST

AA 290. Painting. Three hours.

The purpose is to establish a creative attitude towards the problem of building forms with color. Both plastic and visual approaches; design and elementary problems of craftsmanship; use of oil or watercolor. Intended for a wide range of personal interests and various stages of development. Instruction is mainly by individual criticism, enabling each student to begin and proceed according to his own ability. Some previous experience in drawing is necessary. Daily, 12:00. Room 311. Hinshaw.

AA 292s. Composition and Drawing. Three hours.

A brief consideration of the basic problems of representation, and the development of a few guiding ideas in regard to organization of pictorial material. Intended to be a beginning course in graphic expression. Daily, 9:00. Room 311. Hinshaw.

AA 367s. Child Art: Technique of Creative Expression in Art. Three hours. (See also EDUCATION.)

This course, offered especially for teachers in the elementary schools, seeks to furnish adults with a point of view and a method of approach by means of which the imaginative life of children may be encouraged and directed into creative channels. Daily, 8:00. Room 301. Hinshaw.

AA 373s. Costume Figure Sketch. Three hours.

A course in which the students work from the model posed in a variety of costume types. Some preliminary study is made of the essential action and proportion of the figure. Intended for teachers who wish to improve their ability to express the human figure, for those interested in fashion illustration and design as well as for the general art student. The use of a variety of materials is encouraged. *Laboratory fee* \$2. Daily, 11:00. Room 311. Hinshaw.

AA 377s. Advanced Art Appreciation: Picture Study in the Schools. Three hours.

Appreciation of the pictures and the part they hold in the educational program. Use of pictures for educational work to illustrate and clarify subject matter and serve as visual aids in history, geography, and other subjects.

Enjoyment of pictures through knowledge of fundamentals of good composition and design, harmony of shape, line, and color. Daily, 10:00. Room 301. Wuest.

Ed 424s. Curriculum Activities in Art and Handwork. Three hours. (See also EDUCATION.)

Contribution to the general objectives of education which art and handwork make in the development of self-expression through material media. Handwork activities to include some of the newer materials in paper, cardboard, wood, and textiles; the technique of the crafts, block printing, stencil, batik, and metal. Basic learnings for various age levels and the stimulation of creative thinking. Members of the class will be given opportunity to develop a specific type of work with adaptation to a definite age level. Daily, 9:00. Room 301. Wuest.

AA 490. Advanced Painting. Three hours.

A continuation of AA 290, intended for those who have had previous painting experience. Larger and more difficult problems of organization are undertaken and further consideration is given to the problems of craftsmanship and media. Daily, 12:00. Room 311. Hinshaw.

BACTERIOLOGY

PROFESSOR: SEARS

Bac 345s. Bacteriology and Public Health. Three hours.

A study of bacteria and their relation to disease; the nature of infection; the mechanism of resistance or immunity; the public control of communicable diseases. Daily, 8:00. Room 104.

BUSINESS ADMINISTRATION

PROFESSOR: LOMAX

***BA 407. Seminar in Business Problems.** (G) Three hours.

Consideration of selected topics relating to business practice and policies. Daily, 8:00. Room B.

***BA 471s. Foreign Trade.** (G) Three hours.

The basic theories of international trade; current events in world markets which illustrate the application of international trade principles; reciprocal trade treaties and international trade; various administrative aspects of foreign trade, such as the use of bills of lading, charter parties, bills of exchange; marine insurance. Daily, 8:00. Room B.

CHEMISTRY

ASSISTANT PROFESSOR: CHRISTENSEN

Ch 101, 102, 103. Elementary General Chemistry. Nine hours.

Designed for students wishing an introduction to the general field. Devoted primarily to general principles and the chemistry of the nonmetals. Laboratory fee, \$5.00. Lecture: Daily, 8:00 and 11:00. Laboratory: Daily, 9:00-11:00, and Tuesday and Thursday, 12:00-1:00. Third floor, Medical School.

* Either BA 407 or BA 471s will be given, but not both.

DRAMA

VISITING FACULTY: BRIDGES, MARYE

Sp 247s. Children's Theatre: Story Telling and Production. Three hours.

The principles and practice of directing children's dramatics, including story telling, material for creative dramatics, and the manuscript play. Production material will consist of staging, scenery and lighting problems, makeup and directing. For teachers, directors of recreational activities, supervisors of children's organizations and others in charge of dramatic activities of children. Daily, 9:00. Room 108. Bridges.

Eng 345. Play Production. Three hours.

Especially designed to meet the needs of school and community directors. Choosing the play: discussion of plays suitable for the various groups of players and sources of play texts. Casting the play: analysis of the play for rehearsal. Organization of the production staff. Practical problems in makeup, costume, scenery, rehearsal, and business management. Daily, 10:00. Auditorium. Marye.

ECONOMICS

PROFESSOR: CRUMBAKE

Ec 211. Outline of Economics. Three hours.

The principles that underlie production, exchange, and distribution. Practical problems, such as monetary and banking reform, regulation of international trade, the taxation of land values, labor movement, regulation of railways, the control of trusts, are considered. Daily, 8:00. Room 204.

Ec 476s. Economic Theory and Problems: Business Organization and Finance. (G) Three hours.

An advanced course dealing with economic theories and their application to business organization and finance. Rights, duties, and obligations of investors and managing officers; problems of promoting, organizing, and financing; political and economic problems of the modern giant corporation. Daily, 10:00. Room 204.

EDUCATION

PROFESSOR: BEATTIE. ASSOCIATE PROFESSOR: HINSHAW. ASSISTANT PROFESSOR: MONTGOMERY.
VISITING FACULTY: ARMSTRONG, BRIDGES, FIELDS, HILDER, KNODE,
MADSEN, MARTIN, WHITNEY, WUEST

Ed 309s. Group-Interest Activities in the Elementary Schools. Three hours.

A practical study of group-interest activities as carried on in modern schools; special emphasis on the value of creative work; demonstration work through participation in story telling, planning and carrying out of projects; administrative procedure in the selection and organization of activities. The course is planned to meet the needs of teachers and principals interested in developing a liberal program of activities for the different age levels and interests. Daily, 8:00. Room 108. Bridges.

Ed 311. Secondary Education. Three hours.

An extensive study of the problems of the high school from the standpoint of the teacher, involving a consideration of its aims, functions, and characteristics. Prerequisite: General Psychology. Daily, 11:00. Room 113. Knode.

- Ed 312. Educational Psychology.** Three hours.
The application of psychology to education; the psychology of the learning process; the laws of learning; emotional development and individual differences. Some reference to the contributions of Gestalt psychology to education. Daily, 10:00. Room 203. Martin.
- Ed 313. Principles of Teaching.** Three hours.
Application of the laws of psychology to teaching; the significance of individual differences; types of learning; aims and functions of secondary education; socialization; supervised study; measuring results. Prerequisite: Educational Psychology or its equivalent. Daily, 9:00. Room 114. Beattie.
- Ed 316. Oregon School Law and System of Education.** Two hours.
An analysis of the Oregon school system and the laws on which the system is based. Attention will be given to the problems of Oregon schools, plans proposed for their solution, the course of study and trends in educational development in the state. Prerequisite: Junior standing. TuWThF, 8:00. Room 114. Beattie.
- Ed 317s. Observation in Demonstration School: Remedial Reading Clinic.** Three hours.
Student teachers will carry on supervised instruction at the Shattuck Clinical School. Where possible, children will be utilized who have types of reading difficulties of special interest to the student instructor. Prerequisite: Ed 444s or Ed 464. Daily, 11:00. Shattuck School. Hilder.
- Ed 324s. Correlation of the Social Studies in the Elementary Schools.** Three hours.
Integration of the social studies to meet the demands of a modern social-science course. Units of activity are assigned for development. The correlation method of treatment is followed. Classroom aids for teachers and principals. Daily, 10:00. Room 214. Whitney.
- Ed 350. Elementary-School Curriculum.** Three hours.
The need of curriculum revision. The function of aims of education; of the aims of a subject; of content, with the discussion of criteria for its selection. The function of method in curriculum construction, of outcomes, and of research and measurements. How a school system should be organized for curriculum construction. Some important problems of production and installation of a curriculum. Daily, 9:00. Room 214. Whitney.
- Ed 356s. Remedial Work for Speech Disorders.** Three hours.
Classification of speech defects and disorders. Nervous speech disorders; stammering, stuttering, hesitation, cluttering. Teacher-education in corrective technique for use in public schools; clinic observation. Daily, 8:00. Room D. Fields.
- Ed 367s. Child Art: Technique of Creative Expression in Art.** Three hours. (See also ART.)
This course, offered especially for teachers in the elementary schools, seeks to furnish adults with a point of view and a method of approach by means of which the imaginative life of children may be encouraged and directed into creative channels. Daily, 8:00. Room 301. Hinshaw.
- Ed 372s. Elementary-School Administration.** Three hours.
Problems of the principal in connection with the organization and administration of the elementary school. Finance, transportation, important school legislation, buildings, and equipment. Daily, 11:00. Room 214. Whitney.

- Ed 405. Reading and Conference.** (G) Hours to be arranged.
Assigned reading in a chosen field, with individual conferences and a written report upon a selected topic. Days to be arranged, 2:00. Room 114. Beattie.
- Ed 407. Seminar: Guidance.** (G) Hours to be arranged.
Open to students interested in going forward with practical problems in guidance and advisory work. The group will be restricted so that the work may be almost wholly individual. At least one introductory course in the field of guidance and counseling will be required for admission. ThF, 8:00. Room 305. WThF, 1:00. Room 106. Armstrong.
- Ed 416s. Educational Tests and Measurements.** (G) Three hours.
The construction and desirable uses of various standard tests and scales for measuring achievements in school subjects. Evaluation and selection of standardized tests; scoring, uses and limitation of results. Daily, 11:00. Room 207. Madsen.
- Ed 424s. Curriculum Activities in Art and Handwork.** Three hours. (See also ART.)
Contribution to the general objectives of education which art and handwork make in the development of self-expression through material media. Handwork activities to include some of the newer materials in paper, cardboard, wood, and textiles; the technique of the crafts, block printing, stencil, batik, and metal. Basic learnings for various age levels and the stimulation of creative thinking. Members of the class will be given opportunity to develop a specific type of work with adaptation to a definite age level. Daily, 9:00. Room 301. Wuest.
- Ed 442s. The Problem Child.** (G) Three hours.
Problems which occur in the various phases of child development. The parent-child relationship, habits, obedience, discipline, fear, and jealousy. Attention will be given to the causes of behavior difficulties. The relation of child problems to adult maladjustments. Daily, 8:00. Room 203. Martin.
- Ed 464s. Remedial Reading.** Three hours.
Analysis of the reading process: physical and psychological processes involved. Reading difficulties, their causes and how to overcome them. Various diagnostic procedures and remedial methods outlined in the lectures will be demonstrated in the remedial reading class of the Shattuck Clinical School, where a special group of children with reading difficulties will be in attendance. Observation any hour from 9:00-12:00. Section I: Daily, 8:00. Room 110. Section II: Daily, 10:00. Room 110. Hilder.
- Ed 469s. Advanced Mental Hygiene.** (G) Three hours.
Advanced course in mental hygiene, taught not from the point of view of the high-school or college student himself, but with attention given wholly to the problems of basic factors needed in caring for the mental hygiene of students. Daily, 9:00. Room 203. Martin.
- IEd 472s. Occupational Analysis.** (G) Three hours.
Analysis of a group of occupations as type studies for those giving vocational guidance. Requirements and opportunities of the different vocations—training, employment factors, wages, modern conditions and trends. Methods of conducting and using occupational surveys in guidance, qualifications for success in the field, changes and adjustments in occupations. Finding material and the uses of field work. ThF, 9:00. Room 305. WThF, 2:00. Room 106. Armstrong.

Ed 476. School Organization. Three hours.

Unifying educational principles with reference to problems of school procedure, routine activities, and community relationships. Special attention given to the newer scientific methods as applied to management problems and school organization. Daily, 10:00. Room 207. Madsen.

Ed 480s. Personnel Problems. (G) Three hours.

Definition; divisions and functions as applied to secondary schools. Study of trends and methods; the work of various administrative officers in relation to guidance; content and uses of records; applications in schools of different sizes; relations to other educational functions and agencies. Daily, 10:00. Room 113. Knode.

Eng 486s. Speech Pathology. Three hours. (See also PUBLIC SPEAKING.)

Special emphasis upon the theories of the cause and cure of stuttering and upon the results of recent research in speech pathology. Problems of diagnosis, constructing speech correction schedules, and management of a speech clinic are also considered. Supervised instruction at the Shattuck Clinical School. Daily, 9:00. Room D. Fields.

Ed 501. Educational Research: Problems in Remedial Reading. Three hours.

Study, largely by the seminar method, of problems in the diagnosis of reading difficulties and remedial procedures suitable for both individual and group instruction; open to graduate students only. Monday and Friday, 2:00. Room 105. Montgomery.

Ed 511. Modern Educational Principles and Problems. Three hours.

A general survey of recent developments in all fields of education. Emphasis is placed upon an evaluation of current trends in the various fields, and upon opportunities offered for specialization and service. Required of candidates for master's degree in education before the preliminary examination. Open to qualified senior majors upon consent of instructor. Daily, 9:00. Room 207. Madsen.

Ed 548. Liberalism and Modern Education. Three hours.

History of modern political liberalism, in its relation to state education in the leading nations of the modern world. Liberal theory; the development of liberal institutions. Liberalism since the World War. Daily, 8:00. Room 113. Knode.

SIGHT-SAVING CLASSES

VISITING INSTRUCTOR: PECK

With the cooperation of the National Society for the Prevention of Blindness, two courses in sight-saving are provided for the first time in the Portland Summer Session. Ed 409s, a-b, is for regular teachers interested in the preparation for sight-saving work as part of their regular teaching in elementary classrooms. Ed 409s, a-b, and Ed 409s, c, together constitute a full program in the summer session and are for those who wish to prepare to be sight-saving class teachers.

Ed 409s, a-b. Psycho-Educational Clinic: Sight-Saving Class, Demonstration, and Clinic. (G) Six hours.

Lectures, readings, and special assignments. Adaptation of the best methods of teaching to the needs of the partially seeing; discussions of problems arising in sight-saving classes, sufficient information on the anatomy,

physiology, and the hygiene of the eye to enable teachers in regular elementary classrooms to understand the necessity for making certain adaptations for children with seriously defective vision, and to understand why environmental conditions of classrooms should be such as to prevent eye difficulties and the increase of those that already exist. Observation in the sight-saving demonstration room in Shattuck Clinical School, where a trained teacher will conduct a class with children of variously defective vision. Daily, 8:00-10:00. Room 213.

Ed 409s, c. Psycho-Educational Clinic: Sight-Saving Class, Demonstration, and Clinic. (G) Three hours.

This course, supplementary to Ed 409s, a-b, may not be taken independently, but is part of the nine-hour course for those more formally and technically preparing themselves for special sight-saving teaching in school systems providing this instruction. Extensive observation in the sight-saving demonstration room in the Shattuck Clinical School; special conferences, discussions, and lectures by ophthalmologists and other medical men. Those enrolled in these nine-term hours of special training will not be able to enroll in other classes in the summer session. Daily, 2:00. Room 104.

ENGLISH

PROFESSORS: ERNST, PARSONS. ASSISTANT PROFESSOR: COLLIER.
VISITING INSTRUCTOR: BRAYBROOKE

Eng 112. English Composition (Any Term). Three hours.

Instruction in the writing of papers, book reviews, essays, and reports in the students' several fields of study. Correction. A course in composition and rhetoric, with practice in general exposition and in analyzing reading material. Equivalent to any term of the required course in written English. Daily, 11:00. Room 206. Collier.

Eng 161. Survey of American Literature. Three hours.

Emphasis on the development of American letters with respect to locale, type, and significance rather than on chronology; the aim is to discriminate both aesthetically and technically. The literary high lights in poetry, humor, fiction, and the essay will receive chief attention, and will be viewed in their relationship to gradual or to vital change in the social outlook and in canons of taste. Daily, 9:00. Room 111. Parsons.

Eng 203. Shakespeare (Third Term). Three hours.

Macbeth, Antony and Cleopatra, Coriolanus, The Winter's Tale, Cymbeline, and The Tempest. This course is the equivalent of the spring term of Shakespeare given in the regular year. Daily, 10:00. Room 112. Ernst.

Eng 324. English Composition for Teachers. Three hours.

A study of attitudes, methods, and materials in the teaching of grammar, composition, and language. Discussion of problems of the classroom; adjustment to the course of study; means of securing interest; brief review of mechanical techniques. For students expecting to teach English in high schools. Prerequisite: Eng 111, 112, 113. Daily, 8:00. Room 206. Collier.

Eng 359s. European Novel. Three hours.

A comparative study of the novel in England and the European countries of its major development, during the periods beginning toward the middle of the eighteenth century and concluding in the twentieth century. Daily, 10:00. Room 111. Parsons.

Eng 373s. Contemporary English Writers. Three hours.

The novel, the drama, and poetry in twentieth-century England. Lectures and discussions on Barrie, Shaw, Maugham, Priestley, Galsworthy, Bennett, Wells, Chesterton, Housman, Yeats, Bridges. Philosophical and social currents in modern British literature; the development of new forms, new concepts, attitudes, and movements. Daily, 11:00. Room 106. Braybrooke.

Eng 405. Reading and Conference. (G) Hours to be arranged.

Through directed reading and conference, upper-division and graduate students are enabled to reinforce their foundational preparation in literature, and by connected reading, discussion, and discrimination to bridge gaps in essential period courses. Each student's problem receives separate direction and suggestions, and class sessions serve to knit together the interests of all. Days to be arranged, 11:00. Room 111. Parsons.

Eng 407. Seminar: Special Authors. (G) Three hours.

Intensive study of authors selected after conference with the instructor. Days to be arranged, 9:00. Room 106. Braybrooke.

Eng 436s. English Drama. (G) Three hours.

Galsworthy, Shaw, Barker, and others, with some consideration of nineteenth-century closet drama and melodrama. The Irish playwrights—Yeats, Lady Gregory, and Synge. This course is the equivalent of the spring-term campus offering in English Drama. Daily, 11:00. Room 112. Ernst.

Eng 443s. The Victorian Age. (G) Three hours.

The social and intellectual life of the latter part of the nineteenth century. A critical study of the Victorian novel (Meredith, George Eliot, Dickens, Thackeray, Trollope, Stevenson, Hardy, Gissing, the Brontes) and of Victorian poetry (Tennyson, the Brownings, Arnold, Rossetti, Swinburne, Morris, Kipling). Daily, 10:00. Room 106. Braybrooke.

Eng 527. Seminar in Elizabethan Drama. Three hours.

Problems in tragedy, with a consideration of sources and influences. Days to be arranged, 8:00. Room 112. Ernst.

FISH AND GAME

INSTRUCTOR: LONG

FG 251. Wildlife Conservation. Three hours.

An introductory course dealing with wildlife as a valuable economic and social resource, and the need of its conservation through scientific administration and manipulation. Daily, 11:00. Room 205.

FG 360s. Mammals and Fish. Three hours. (See also NATURE STUDY.)

A study of the distribution, habits, and functions of mammals and fish, with emphasis on Oregon species. Animal associations and habitats; animal communities; environmental factors; variation and regulation of animal numbers; movements of animals; social organization and behavior. A brief consideration of the game and commercial fishes; classification, life histories, habits; problems associated with the propagation and utilization of fishes. Daily, 10:00. Room 205.

FRENCH

INSTRUCTOR: BEATTIE

RL 1s. First-Year French. Three hours.

The essentials of French grammar. Translation of short English sentences into idiomatic French and simple French prose into English. Formal composition will accompany the reading. Abundant and systematic practice in conversation; instruction in the sounds of French through the medium of phonetic symbols. Daily, 8:00. Room 103.

RL 314s. French Conversation and Composition. Three hours.

Presupposes some knowledge of French grammar. Conducted as far as possible in French. The difficulty of the conversation will increase as the course progresses. The composition is intended to release the student from the somewhat formal sentences found in grammars and to introduce idiomatic and lively French. Daily, 9:00. Room 103.

GENERAL STUDIES

ADVISER: BERELSON

GSt 501. Research in General Studies. Hours to be arranged.**GSt 503. Thesis.** Hours to be arranged.**GSt 505. Reading and Conference.** Hours to be arranged.

NOTE: Registration in these courses is open only to candidates for the degree of Master of Arts in General Studies, with the approval of the adviser.

GEOGRAPHY

PROFESSOR: LOMAX

Geo 426s. Economic Geography of Europe. Three hours.

A study of the fundamental resources of Europe. The relationship of each country to its supply of minerals, the importance of agriculture, forests and fisheries will be analyzed. Trade, commerce, power, and manufacturing considered in the light of the problems now facing Europe. Daily, 11:00. Room B.

Geo 428s. Geography of the Pacific: Islands of the Pacific. (G) Three hours.

The important insular areas of the Pacific: the Hawaiian group, Samoa, Fiji, Philippines; their physiography, economy, social and political factors. Attention will be directed toward current problems of the area, as for example trans-Pacific aerial transportation. Daily, 9:00. Room B.

HISTORY

ASSOCIATE PROFESSOR: NOBLE. VISITING FACULTY: DOWN, KOONTZ

Hst 342. Modern Europe, 1870-1914. Three hours.

A political and social account of Europe from 1870 to the outbreak of the World War. Daily, 9:00. Room 105. Noble.

Hst 371. History of the United States, 1783-1850. Three hours.

The formation of the Federal Union, the rise of party government, and the triumph of Jacksonian democracy. The economic life of the period is emphasized, with special attention to the Industrial Revolution, the opening of the West, and western problems and interests. Daily, 10:00. Room 215. Koontz.

Hst 377. Oregon History. Three hours.

A general survey of the discovery and exploration of the Oregon country, the development of the Northwest fur trade, the coming of the immigrants, and the final establishment of organized government. A review of Oregon's transportation history, ocean and river commerce, and the development of industry and agriculture. This course, in conjunction with Oregon School Law and the Oregon System of Education (Ed 316), will meet the state requirement. Daily, 11:00. Room 110. Down.

Hst 462s. Social and Cultural History of the United States. (G) Three hours.

Historical study of such topics as: the population, development of social classes, frontier influences, the rise of cities, economic and technological progress. Science, religion, newspapers, magazines, education, and ethical standards as aspects of American culture. Daily, 11:00. Room 215. Koontz.

Hst 480. Colonial North America. (G) Three hours.

The Europeanization of a continent, with emphasis upon the frontier and the westward movement: motives for migration, geographic influences, the Indians, march of settlement, conflict and cooperation, colonial culture, war and a New Nation. Daily, 9:00. Room 215. Koontz.

Hst 493s. Modern China and Japan. (G) Three hours.

The history of political and economic development in east Asia, chiefly China and Japan, since these empires were "opened" to occidental influence, in 1842-1860. The final years of Manchu rule in China, the phenomenal westernization and industrial advance of Japan, her imperial expansion through wars and diplomacy, and the republican period to China as a prelude to present-day domestic and international changes in the Far East. Daily, 10:00. Room 105. Noble.

Hst 543s. Seminar in Postwar Europe. Three hours.

Selected problems relating to the European countries or to their diplomatic relations. Days to be arranged, 8:00. Room 105. Noble.

HOME ECONOMICS

VISITING INSTRUCTOR: BRUMBAUGH

CT 217. Clothing Selection. Three hours.

A course which aims to develop good taste in dress and to give an appreciation in selection of clothing from the standpoints of beauty, health, and economy. The study will include: figure and personality types; value of line, color, and texture in creating effects; fabrics and their style, suitability, and durability. Daily, 11:00. Room 318.

CT 331. House Furnishing. Three hours.

A study of the factors to be considered in selecting and furnishing a small home from the standpoint of comfort, beauty, and economy. Family needs and interests, construction, techniques, and quality standards for consumer goods are considered. Daily, 10:00. Room 318.

CT 350. Consumer Buying in Clothing and Textiles. Three hours.

Study of the problems faced by the individual or family in attempting to buy efficiently. Merchandising methods that affect the consumer, such as advertising, sales, standardization, and labeling. Technical information necessary for efficient buying of textiles, clothing, and household materials. Daily, 9:00. Room 318.

JOURNALISM

ASSISTANT PROFESSOR: HULTEN

J 339. Teaching and Supervision of Journalism in High Schools. Three hours. (See also EDUCATION.)

School journalism, covering the supervision of high-school papers and school news notes for general newspapers, and the teaching of journalistic writing. Educational promotion methods, and school relations with the press. Journalistic methods for vitalizing English composition; interpreting the school to the community; how to read a newspaper. For present or intending teachers of high-school English or for educational administrators. A survey of newspaper practices, standards, and preferences in so far as these have a bearing upon school news. Daily, 11:00. Room 103.

J 360. General Journalism. Three hours.

A practical course for prospective journalists, to serve as a foundation for a beginner on a newspaper, or in the free-lance writing field, or for a publicity worker. Newsgathering, evaluation, and writing. Practical experience afforded by work on *The Summer Sun*. Previous training not required, but students should be able to write good standard English. Daily, 10:00. Room 103.

J 420. Law of the Press. (G) Three hours.

Libel, right of privacy, contempt of court, literary property (including copyright), constitutional guarantee of freedom of the press, Federal regulations; other phases of law bearing on the press. Time and place to be announced.

LIBRARY

VISITING INSTRUCTOR: MULHERON

Eng 388. Children's Literature. Three hours.

A brief survey of children's literature, intended to acquaint teachers in elementary schools with the outstanding types of children's books. Lectures and discussions. Daily, 11:00. Room 310.

MATHEMATICS

VISITING INSTRUCTOR: PRICE

Mth 101s. College Algebra. Three hours.

Begins with quadratic equations. Solutions of equations by determinants, theory of equations, probability, complex numbers, and other subjects will be studied. Daily, 9:00. Room 308.

Mth 106s. Plane Trigonometry. Three hours.

An introductory course for students who have studied geometry and elementary algebra. Daily, 11:00. Room 308.

Mth 333. Elements of Modern Geometry. Three hours.

Geometry of the triangle and circle, based on high-school plane geometry. Valuable for geometry teachers and required in the minor teaching norm. Daily, 10:00. Room 308.

***Mth 337s. Elements of Statistics.** Three hours.

Collection, tabulation, and graphical presentation of statistical data; frequency distributions, measures of central tendencies (averages); dispersion; skewness, times series; index numbers; linear correlation and regression. Necessary topics from algebra taught along with statistical material. Prerequisite: one year of high school algebra. Daily, 8:00. Room 308.

***Mth 441s. Mathematical Theory of Statistics.** (G) Three hours.

Statistical constants; simple and multiple correlations; theory of sampling; frequency curves; significance tests. Prerequisite: calculus. Daily, 8:00. Room 308.

MUSIC

INSTRUCTOR: CAMPBELL. VISITING INSTRUCTOR: DUNCAN

Mus 117s. Ear Training and Keyboard Harmony. Three hours.

A practical course for all music students, designed to give training to the ear in recognizing pitch, rhythms, and simple harmonies, and to develop the ability to think in terms of the keyboard. A chief purpose of this class is to enable teachers to play the simple accompaniments needed in classroom work in the grades. No prerequisite. Daily, 11:00. Room 115. Campbell.

Mus 235s. History and Appreciation of Music. Three hours.

A course of general appeal, the purpose of which is to stimulate interest in and, through understanding, enjoyment of the great literature of music. The story of the art from its primitive beginnings to its present state of development will be closely followed. The discussion of instruments, rhythms, content, and significance of selected compositions, and the distinctive spirit of the various periods will be closely associated with demonstration in listening to music itself. Daily, 10:00. Room 115. Campbell.

Mus 317s. Public-School Music. Three hours.

A specific study of materials and methods suitable for the public schools, from the standpoint of teachers and supervisors. Problems peculiar to each grade, including singing, activity, directed listening, and creativeness in an integrated program. Daily, 9:00. Room 107. Duncan.

Mus 334s. Beginning Instrumental Music. Three hours.

A class for beginning instruction in the playing of orchestral instruments. During the course not only the technique of playing the instruments will be discussed but the technique of teaching them as well. The first part of the course will deal with the woodwinds, and the second half with brass instruments. A small laboratory fee will be charged to cover the renting of instruments in cases where they are not owned by the student. Daily, 8:00. Room 107. Duncan.

Mus 340s. Accompanying. Three hours.

Training through drill and practical experience in the special problems of accompanying: understanding of and feeling for rhythms, development of quick coordination in sight-reading, simple transpositions, flexibility in supporting the soloist, and the essentials of good ensemble. Knowledge of piano and organ required. Daily, 9:00. Room 115. Campbell.

* Either Mth 337s or Mth 441s will be given.

NATURE STUDY

INSTRUCTOR: LONG

Z 321s. **Bird Study.** Three hours. (See also ZOOLOGY.) Daily, 8:00. Room 205.

FG 360s. **Mammals and Fish.** Three hours. (See also FISH AND GAME.) Daily, 10:00. Room 205.

PHILOSOPHY

VISITING INSTRUCTOR: IRVING

Phil 201. **Introduction to Philosophy.** Three hours.

An historical and systematic survey of some of the more important problems that have appeared as the result of reflection upon scientific, moral, religious, and other cultural activities from the Greeks to the present. The writings of some of the great philosophers, such as Plato, Kant, and James, will be considered, and the main philosophical positions such as Idealism, Pragmatism, and Realism will be critically presented. Daily, 9:00. Room 212.

Phil 407. **Seminar: Political Philosophy.** (G) Three hours.

A study of modern political theory, with emphasis upon the relation between changes in the general current of political ideas and beliefs and changes in the social and political structure. The leading political ideas today: democracy and aristocracy; collectivism and individualism; socialism, communism, fascism; nationalism and pluralism. Daily, 11:00. Room 212.

Phil 410s. **Philosophy of Nature.** (G) Three hours.

The development of the philosophy of nature within the history of civilization from the age of the Greeks to the present day. The historical approach will be followed by a systematic analysis of the fundamental concepts of modern science. The functions of Reason and Experience in the discovery and systematization of natural knowledge will be emphasized throughout the course. Daily, 10:00. Room 212.

PHYSICAL EDUCATION

VISITING FACULTY: CHASE, LENSCH, RAY

PE 309s. **Drill, Posture, and Class Management.** Three hours.

A course offering exercises which tend to produce an improvement in the individual, achieve external symmetry, and give instruction and practice in graceful body carriage. Methods of teaching will be stressed to the end that the work may in turn be applied to elementary and secondary levels. Daily, 10:00. Gymnasium. Chase.

PE 321. **Methods of Health Education.** Three hours.

The nature, scope, purpose, organization, and administration of the health-education program in the secondary schools. Principles and methods in safety education, mental hygiene, and sex hygiene. Each student will have the opportunity to construct a program of health education suitable to his own teaching situation. Daily, 9:00. Room 315. Chase.

PE 331. **Physical-Education Laboratory.** Three hours.

Methods and materials useful in making up physical-education programs for boys. Daily, 10:00. Room 314. Ray.

PE 358. First Aid. Three hours.

Care and treatment of injuries. A study from both the practical and academic aspects dealing with accidental injuries, principles of massage, bandaging, treatment of sprains, bruises, strains and wounds, diet, training rules, daily work program, and preliminary conditioning of athletes. American and Red Cross first-aid certificates will be awarded. Daily, 11:00. Room 315. Chase.

PE 380s, 381s, 382s. Rhythm for Elementary Grades. Three hours.

Presentation of rhythms, dramatic plays, folk dances, and fundamental movements suitable for the development and interest of the elementary grades. Sources, classification, and adaptation of material for program purposes; principles of progression; analysis and selection of music for various levels of instruction. For elementary teachers in lower grades and others working with small children. Daily, 8:00. Gymnasium. Lensch.

PE 431s. Techniques of the Modern Dance. Three hours.

Presents the dance from the standpoint of its contribution to all age levels, and its use in education and physical education. An intensive study of techniques, elements of rhythmic and musical pattern; materials of design and composition. Simplicity, directness, and freedom of movement that characterize the study of the modern dance. Percussion techniques of simple and advanced groups will be analyzed. Daily, 9:00. Gymnasium. Lensch.

PE 507. Seminar: Recreation. Three hours.

Consideration of play as a social and educational force. Problems in recreation and leisure time activities; programs and administration. The development of a recreational philosophy for America. Days to be arranged, 9:00. Room 314. Ray.

PE 551. Administration of Physical Education. Three hours.

Study of the organization and administration of physical education, health education, and recreation; their functions with a school program, their organization, and correlation with the remainder of the school program; equipment and building needs for each, relative and proportionate costs of these programs. Daily, 8:00. Room 314. Ray.

PHYSIOLOGY

ASSOCIATE PROFESSOR: HANEY

Z 311. Physiology: Nutrition, Secretion, Absorption. Three hours.

Foods, digestion and secretion, diets, energy and heat production, glands of internal secretion, the regulation of body temperature, and maintenance of the constancy of bodily processes. The topics are treated in such a manner as to give the student a fundamental understanding of these phases of human physiology. The abnormal or deranged function is contrasted with the normal to give a greater appreciation of personal health and physical well-being. Daily, 11:00. Room 213.

POLITICAL SCIENCE

PROFESSOR: CRUMBAKER. VISITING INSTRUCTOR: MANSFIELD

PS 201. American National Government. Three hours.

The study of the origin, development, and function of the national government of the United States. Colonial origins, the Constitutional Convention. Judicial review, and a brief consideration of leading decisions by the Su-

preme Court. The separation of powers; the development of administrative organization. The increased functions of the national government and the problem of reorganization. Daily, 8:00. Room 208. Mansfield.

PS 202. American State and Local Governments. Three hours.

A study of state, local, and municipal government in the United States as a part of the general problems of government. Attention is paid to proposals for reform. Particular emphasis on Oregon problems. Daily, 11:00. Room 204. Crumbaker.

PS 414s. Political Parties and Election Problems. (G) Three hours.

The nature, organization, and operation of political parties, with special attention to conditions in the United States; election and recall of officers; proportional representation; representation of vocational interests; initiative and referendum; civil-service reform. Daily, 10:00. Room 208. Mansfield.

PS 419s. World Politics. (G) Three hours.

Nature and history of international relations; the League of Nations and World Court; political and economic realities affecting international interdependence. Daily, 11:00. Room 208. Mansfield.

PSYCHIATRY

INSTRUCTOR: HUTCHENS

Ps 306s. Child Psychiatry. Three hours.

General discussion of various behavior and personality problems of childhood according to a psychological concept. The case material in the child guidance clinic will be used as a background for the course where practical. Daily, 1:00. Room 110.

PSYCHOLOGY

VISITING INSTRUCTOR: HERON

Psy 350s. Frontiers of Psychology. Three hours.

A consideration of the phenomena of spiritualism, mediumship, telepathy, clairvoyance, hypnotism, etc., from the scientific point of view. A critical evaluation of the available evidence will be made in the light of the laws of science and nature. Daily, 11:00. Room 211.

Psy 466. The Learning Process. (G) Three hours.

Critical examination of theoretical and experimental contributions to fundamental problems in the field of learning; nature of conditioned responses; trial-and-error learning and thinking; relation between motivation and learning; origins of variability and fixations in learning situations; relations between perceptual phenomena and learning. Daily, 10:00. Room 211.

Psy 530s. Seminar in Genetic Psychology. Three hours.

Intensive study of selected topics in the theory, data, and methods of genetic psychology. Emphasis placed on the newer developments, including psychoanalysis and Gestalt. Days to be arranged, 9:00. Room 211.

PUBLIC SPEAKING

ASSISTANT PROFESSOR: COLLIER. VISITING INSTRUCTOR: FIELDS

Eng 334. Oral English for Teachers. Three hours.

Designed to give the prospective teacher poise, flexibility, and confidence in the physical and vocal aspects of presenting materials to a class, clarity in organization of materials, and ability to gain and sustain interest. Improve-

ment in personal effectiveness sought through class criticism and instruction. Presentation of lesson plans and expositions, oral reading, informal talks. This course is part of the major norm in English. Daily, 11:00. Room D. Fields.

Eng 365s. Public Speaking for the Professions. Three hours.

Intended to improve poise and effectiveness in speaking to a group, and to give training in analyzing subjects and in organizing material into interesting talks. Practice in oral presentation and in delivering the types of speech most commonly given by teachers. Consideration of voice qualities, and of modern methods of group discussion. Original speeches by members of the class. Collier. Daily, 10:00. Room 206.

Eng 486s. Speech Pathology. Three hours. (See also EDUCATION.)

Special emphasis upon the theories of the cause and cure of stuttering and upon the results of recent research in speech pathology. Problems of diagnosis, constructing speech correction schedules, and management of a speech clinic are also considered. Supervised instruction at the Shattuck Clinical School. Daily, 9:00. Room D. Fields.

SOCIOLOGY

PROFESSOR: GOLDENWEISER. VISITING INSTRUCTOR: NIMKOFF

Soc 204s. General Sociology. Three hours.

Analysis of social organization and culture; social changes and movements as affected by culture and by biological and physical environmental factors. Daily, 9:00. Room 216. Nimkoff.

Soc 338s. Marriage and the Family. Three hours.

Following a brief history of marriage and the family, the course is devoted to problems of the modern family, especially to the factors determining marital happiness and unhappiness. Daily, 10:00. Room 216. Nimkoff.

Soc 437. Immigration and Race Relations. (G) Three hours.

The problems of immigration as they have arisen in the history of the U. S. with special reference to races and nations. The forced immigration of the Negroes and later phases of the Negro problem. The immigration of the Germans and the Irish in the nineteenth century. The immigration of East and South Europeans towards the end of the century with special reference to the Jews. The present immigration policy of the U. S. and its economic, political, and cultural significance. Daily, 10:00. Room 104. Goldenweiser.

Soc 453s. Social Change. (G) Three hours.

A discussion of such topics as (1) the characteristics of stationary and changing societies, (2) why some societies change more rapidly than others, (3) the social effects of modern inventions, and (4) the problems caused by rapid change in our day. Daily, 8:00. Room 216. Nimkoff.

Soc 507. Seminar: Sociological Theory. Three hours.

The attempt will be made to cover a few central figures in the history of sociological thought, some living, some dead, and belonging to Europe and America. The particular personalities and theories to be analyzed will be

determined upon in accordance with the interests, quality, and background of the members of the seminar. Lectures, reports, and discussions. Days to be arranged, 2:00. Room 107. Goldenweiser.

ZOOLOGY

INSTRUCTOR: LONG

Z 321s. Bird Study. Three hours. (See also NATURE STUDY.)

Characteristics and general types of birds. History, distribution, and migration. Bird communities of woods, fields, and marshes. Adaptations; methods of observing and studying birds; their relation to man. Special reference to birds of Oregon. Daily, 8:00. Room 205.

Schedule of Courses and Rooms

PORTLAND SUMMER SESSION
JUNE 17-JULY 26

Eight o'Clock

Course	Instructor	Room
ART		
AA 367a. Child Art: Technique of Creative Expression in Art (3)	Hinshaw	301
BACTERIOLOGY		
Bac 345s. Bacteriology and Public Health (3)	Sears	104
BUSINESS ADMINISTRATION		
*BA 407. Seminar in Business Problems (G)	Lomax	B
*BA 471s. Foreign Trade (G)	Lomax	B
CHEMISTRY		3rd Floor
Ch 101, 102, 103. Elementary General Chemistry (9) cont'd 11:00	Christensen	Medical School
ECONOMICS		
Ec 211. Outline of Economics (3)	Crumbaker	204
EDUCATION		
Ed 309a. Group-Interest Activities in the Elementary Schools (3)	Bridges	108
Ed 316. Oregon School Law and System of Education (2) Tues., Wed., Thurs., Fri.	Beattie	114
Ed 356a. Remedial Work for Speech Disorders (3)	Fields	D
Ed 367a. Child Art: Technique of Creative Expression in Art (3)	Hinshaw	301
Ed 407. Seminar: Guidance (3) (G) Thurs. and Fri.	Armstrong	305
Ed 409a. a-b. Psycho-Educational Clinic: Sight-Saving Class, Demonstration and Clinic (6) (G)	Peck	213
Ed 442a. The Problem Child (3) (G)	Martin	203
Ed 464a. Remedial Reading (3)	Hilder	110
Ed 543. Liberalism and Modern Education (3)	Knobe	113
ENGLISH		
Eng 324. English Composition for Teachers (3)	Collier	206
Eng 527. Seminar in Elizabethan Drama (3)	Ernst	112
FRENCH		
RL 1a. First-Year French (3)	Beattie	103
HISTORY		
Hst 543s. Seminar in Postwar Europe (3)	Noble	105
MATHEMATICS		
Mth 337s. Elements of Statistics (3)	Price	308
Mth 441s. Mathematical Theory of Statistics (3) (G)	Price	308
MUSIC		
Mus 334s. Beginning Instrumental Music (3)	Duncan	107
NATURE STUDY		
Z 321s. Bird Study (3)	Long	205
PHYSICAL EDUCATION		
PE 380s, 381s, 382a. Rhythm for Elementary Grades (3)	Lensch	Gym
PE 551. Administration of Physical Education (3)	Ray	314
POLITICAL SCIENCE		
PS 201. American National Government (3)	Mansfield	208
SOCIOLOGY		
Soc 453s. Social Change (3) (G)	Nimkoff	216
ZOOLOGY		
Z 321s. Bird Study (3)	Long	205

Nine o'Clock

ART		
AA 292s. Composition and Drawing (3)	Hinshaw	311
Ed 424a. Curriculum Activities in Art and Handwork (3)	Wuest	301
CHEMISTRY		3rd Floor
Ch 101, 102, 103. Elementary General Chemistry Laboratory (9) 9 to 11, Tues., and Thurs. 12-1	Christensen	Medical School
DRAMA		
Sp 247s. Children's Theatre: Story Telling and Production (3)	Bridges	108

* Either BA 407 or BA 471s will be given, but not both.

Course	Instructor	Room
EDUCATION		
Ed 313. Principles of Teaching (3)	Beattie	114
Ed 350. Elementary-School Curriculum (3)	Whitney	214
Ed 409s, a-b. Psycho-Educational Clinic: Sight-Saving Class, Demonstration and Clinic (6) (G)	Peck	213
Ed 424a. Curriculum Activities in Art and Handwork (3)	Wuest	301
Ed 469s. Advanced Mental Hygiene (3) (G)	Martin	203
IEd 472a. Occupational Analysis (3) (G) Thurs. and Fri.	Armstrong	305
Eng 486a. Speech Pathology (3)	Fields	D
Ed 511. Modern Educational Principles and Problems (3)	Madsen	207
ENGLISH		
Eng 161. Survey of American Literature (3)	Parsons	111
Eng 407. Seminar: Special Authors (3) (G)	Braybrooke	106
FRENCH		
RL 314s. French Conversation and Composition (3)	Beattie	103
GEOGRAPHY		
Geo 428a. Geography of the Pacific: Islands of the Pacific (3) (G)	Lomax	B
HISTORY		
Hst 342. Modern Europe, 1870-1914 (3)	Noble	105
Hst 480. Colonial North America (3) (G)	Koontz	215
HOME ECONOMICS		
CT 350. Consumer Buying in Clothing and Textiles (3)	Brumbaugh	313
MATHEMATICS		
Mth 101s. College Algebra (3)	Price	308
MUSIC		
Mus 317s. Public-School Music (3)	Duncan	107
Mus 340s. Accompanying (3)	Campbell	115
PHILOSOPHY		
Phil 201. Introduction to Philosophy (3)	Irving	212
PHYSICAL EDUCATION		
PE 321. Methods of Health Education (3)	Chase	315
PE 431s. Techniques of the Modern Dance (3)	Lensch	Gym
PE 507. Seminar: Recreation (3)	Ray	314
PSYCHOLOGY		
Psy 430a. Seminar in Genetic Psychology (3)	Heron	211
PUBLIC SPEAKING		
Eng 486a. Speech Pathology (3)	Fields	D
SOCIOLOGY		
Soc 204s. General Sociology (3)	Nimkoff	216
Ten o'Clock		
ART		
AA 377a. Advanced Art Appreciation: Picture Study in the Schools (3)	Wuest	301
DRAMA		
Eng 345. Play Production (3)	Marye	Auditorium
ECONOMICS		
Ec 476s. Economic Theory and Problems: Business Organization and Finance. (3) (G)	Crumbaker	204
EDUCATION		
Ed 312. Educational Psychology (3)	Martin	203
Ed 324s. Correlations of the Social Studies in the Elementary Schools (3)	Whitney	214
Ed 464a. Remedial Reading (3)	Hilder	110
Ed 476. School Organization (3)	Madsen	207
Ed 480s. Personnel Problems (3) (G)	Knobe	113
ENGLISH		
Eng 203. Shakespeare (Third Term) (3)	Ernst	112
Eng 359s. European Novel (3)	Parsons	111
Eng 443s. The Victorian Age (3) (G)	Braybrooke	106
FISH AND GAME		
FG 360s. Mammals and Fish (3)	Long	205
HISTORY		
Hst 371. History of the United States, 1783-1850 (3)	Koontz	215
Hst 493s. Modern China and Japan (3) (G)	Noble	105
HOME ECONOMICS		
CT 331. House Furnishing (3)	Brumbaugh	313
JOURNALISM		
J 360. General Journalism (3)	Hulten	103

Course	Instructor	Room
MATHEMATICS		
Mth 383. Elements of Modern Geometry (3)	Price	308
MUSIC		
Mus 235a. History and Appreciation of Music (3)	Campbell	118
NATURE STUDY		
FG 360s. Mammals and Fish (3)	Long	205
PHILOSOPHY		
Phi 410s. Philosophy of Nature (3) (G)	Irving	212
PHYSICAL EDUCATION		
PE 309s. Drill, Posture, and Class Management (3)	Chase	Gym
PE 331. Physical-Education Laboratory (3)	Ray	314
POLITICAL SCIENCE		
PS 414s. Political Parties and Election Problems (3) (G)	Mansfield	208
PSYCHOLOGY		
Psy 468. The Learning Process (3) (G)	Heron	211
PUBLIC SPEAKING		
Eng 365a. Public Speaking for the Professions (3)	Collier	206
SOCIOLOGY		
Soc 338s. Marriage and the Family (3)	Nimkoff	216
Soc 437. Immigration and Race Relations (3) (G)	Goldenweiser	104
Eleven o'Clock		
ANTHROPOLOGY		
Anth 419s. The American Indian: Indians of the Pacific Northwest (3)	Goldenweiser	104
ART		
AA 373s. Costume Figure Sketch (3)	Hinshaw	311
CHEMISTRY		
Ch 101, 102, 103. Elementary General Chemistry (9)	Christensen	3rd Floor Medical School
EDUCATION		
Ed 311. Secondary Education (3)	Knode	113
Ed 317s. Observation in Demonstration School: Remedial Reading Clinic (3)	Hilder	Shattuck School
Ed 372s. Elementary-School Administration (3)	Whitney	214
Ed 416s. Educational Tests and Measurements (3) (G)	Madsen	207
ENGLISH		
Eng 112. English Composition (Any term) (3)	Collier	206
Eng 373s. Contemporary English Writers (3)	Braybrooke	106
Eng 405. Reading and Conference (G)	Parsons	111
Eng 486a. English Drama (3) (G)	Ernst	112
FISH AND GAME		
FG 251. Wildlife Conservation (3)	Long	205
GEOGRAPHY		
Geo 426s. Economic Geography of Europe (3)	Lomax	B
HISTORY		
Hst 377. Oregon History (3)	Down	110
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Other 1940 Summer Sessions

Oregon State System of Higher Education

OREGON STATE COLLEGE, Corvallis

Regular Session: June 24 to August 2

Second Session: August 2 to August 31

UNIVERSITY OF OREGON, Eugene

Regular Session: June 17 to July 26

Second Session: July 29 to August 23

INSTITUTE OF MARINE BIOLOGY, Coos Bay

Oregon State College and University of Oregon

One Session: July 1 to August 2

OREGON COLLEGE OF EDUCATION, Monmouth

SOUTHERN OREGON COLLEGE OF EDUCATION, Ashland

EASTERN OREGON COLLEGE OF EDUCATION, La Grande

First Session: June 10 to July 19

Second Session: July 22 to August 23

The following bulletins are available upon request: Preliminary announcement listing courses in all sessions; catalog of Oregon State College sessions; catalog of University of Oregon sessions; catalog of colleges of education sessions; announcement of courses at Institute of Marine Biology. Address Director of Summer Sessions, 814 Oregon Building, Portland, Oregon.

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Through the General Extension Division, the following correspondence courses are available to adults anywhere in Oregon who are not able to attend classes given by the Oregon State System of Higher Education on the campuses or in extension. Credit earned in correspondence courses may be counted toward graduation from the University of Oregon, Oregon State College, and the Oregon Colleges of Education.

ART--FREEHAND DRAWING

ASTRONOMY

- Biology
- Biological Science Survey

BOTANY

- Plant Biology
- Systematic Botany
- Advanced Systematic Botany
- Shrubs and Trees

BUSINESS ADMINISTRATION

- Constructive Accounting
- Business Law
- General Advertising
- Problems in Distribution

DRAWING

- Mechanical Drawing
- Etchings
- Elementary Structural Design

ECONOMICS

- Economic History
- Principles of Economics
- Outline of Economics
- Money, Banking and Economic Crises
- Economics of Business Organization
- Economic Problems: Economics of the Recovery Program

EDUCATION

- Modern Methods of Teaching in the Upper Grades and High School
- Character Education
- Curriculum Construction
- General History of Education
- History of Modern Education
- Problems of the Classroom
- Child Study
- Supervision of Instruction
- Educational Sociology
- Mental Hygiene
- Psychology of Adolescence
- Measurement in Secondary Education
- Introduction to Education

WRITTEN ENGLISH

- Exposition, Narration and Argument
- Principles of Good Writing
- Advanced Writing
- Magazine Writing
- Introduction to Short Story Writing
- Short Story Writing
- Advanced Short Story Writing
- Prose Manuscript
- Versification
- Book and Play Reviewing
- Business English
- English for High School Teachers
- Review Course in English Grammar

GEOGRAPHY

- General Geography, Parts I, II, III
- Physical Geography

GEOLOGY

- Geology I
- Historical Geology

HEALTH EDUCATION

HISTORY

- Oregon History
- English History
- Modern Europe
- History of the United States

HOME ECONOMICS

- Household Management
- Child Development
- Clothing Selection
- Food Purchasing
- Principles of Dietetics
- House Furnishing

JOURNALISM

- Elementary News Writing
- Newswriting for Publicity Chairmen
- Feature Writing

LATIN

- Beginning Latin and Caesar
- Latin Literature: Horace

LITERATURE

- Early American Literature
- Recent American Literature
- American Literature Survey
- 19th Century American Novel
- Survey of English Literature
- Contemporary American Novel
- Contemporary English Novelists
- 20th Century Literature
- Children's Literature
- Book Selection and Evaluation
- Shakespeare
- Socially Significant Literature
- English Novel of the 19th Century
- English and American Poetry
- Living Writers

MATHEMATICS

- Intermediate Algebra
- College Algebra
- Plane Trigonometry
- Analytical Geometry
- Elementary Analysis
- Differential Calculus
- Unified Mathematics
- Mathematics of Finance
- Differential Equations
- Elements of Statistics

MODERN LANGUAGES

- First Year French
- Second Year French
- First Year German
- Second Year German
- First Year Spanish
- Second Year Spanish

PHYSICS

- College Physics
- History and Teaching of Physics

METEOROLOGY

PHYSIOLOGY

- Elementary Physiology

POLITICAL SCIENCE

- National Government
- State and Local Government

PSYCHOLOGY

- Beginners Psychology
- Elementary General Psychology
- Abnormal and Borderline Psychology
- Genetic Psychology
- Applied Psychology

SOCIOLOGY

- Introduction to Sociology
- General Sociology
- Modern Social Problems
- Criminology
- Matrimonial Institutions
- Community Problems

ENTRANCE COURSES

- Introductory Accounting
- Civics
- American History
- World History
- Entrance English I to VIII
- Entrance English Composition
- Fundamentals of Written English
- English Grammar and Usage
- Elementary Algebra
- Plane and Solid Geometry
- Elementary Physics
- Latin
- Elementary Economics
- Social Problems

For Catalog, address General Extension Division, Oregon State System of Higher Education, Eugene, Oregon

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