

O R E G O N
State System of
Higher Education
B U L L E T I N



University of Oregon
Medical School
Catalog Issue
1940-41

Portland, Oregon

UNIVERSITY OF OREGON
MEDICAL SCHOOL

CATALOG

1940-41



PORTLAND, OREGON

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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 un-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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Eugene, Oregon

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1940

ACADEMIC CALENDAR

June

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July

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August

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September

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Fall Term, 1940-41

September 23 to 28, *Monday* to *Friday*.....Comprehensive examination for first- and second-year students

September 30, *Monday*.....Examination for removal of conditions, third-year students

October 1, *Tuesday*.....Registration

October 2, *Wednesday*.....Instruction begins

November 11, *Monday*.....Armistice Day, a holiday

November 21, *Thursday*.....Thanksgiving Day, a holiday

December 20, *Friday*.....Fall term ends

December 21 to January 1, *Saturday* to *Wednesday*.....Christmas vacation

Winter Term, 1940-41

January 2, *Thursday*.....Instruction begins for medical students

January 2, *Thursday*.....Registration for nursing students

March 15, *Saturday*.....Winter term ends

March 16 to 23, *Sunday* to *Sunday*.....Spring vacation

1941

MEDICAL SCHOOL

January

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May

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June

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July

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Spring Term, 1940-41

March 24, *Monday*.....Instruction begins for medical students

March 24, *Monday*.....Registration for nursing students

May 30, *Friday*.....Memorial Day, a holiday

June 10, *Tuesday*.....Spring term ends

June 6, *Friday*.....Commencement

Summer Term, 1941 (Nursing Education)

June 16, *Monday*.....Registration

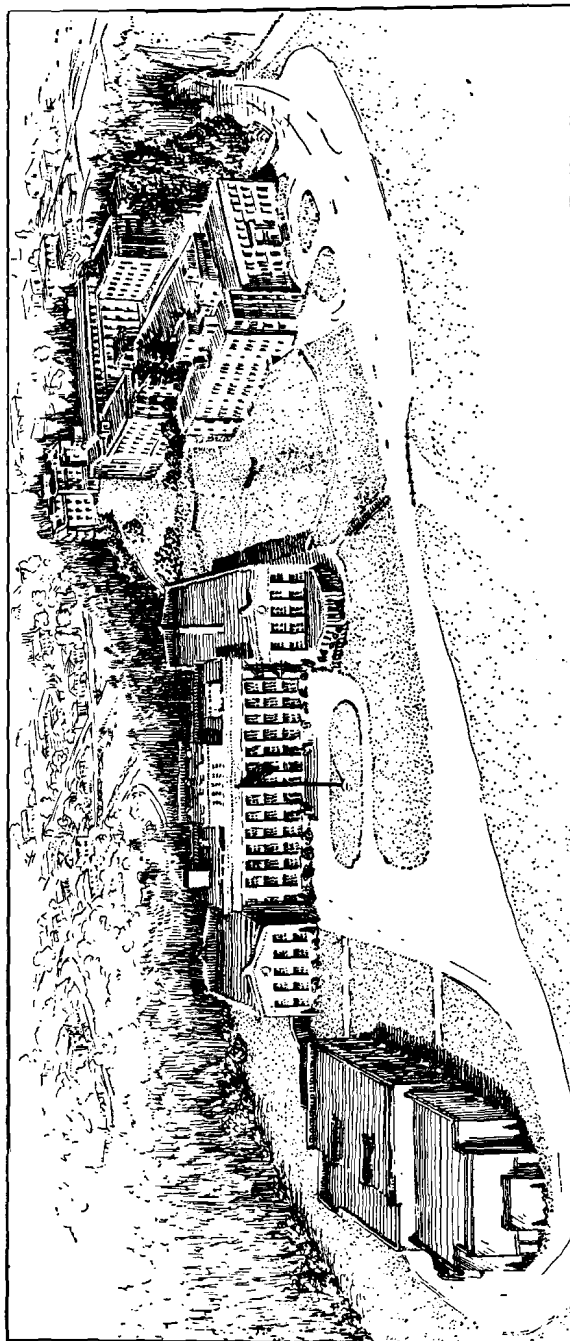
June 17, *Tuesday*.....Instruction begins

July 4, *Friday*.....Independence Day, a holiday

August 29, *Friday*.....Summer term ends

Fall Term, 1941-42

October 2, *Thursday*.....Registration



The University of Oregon Medical School campus. Left: Medical School Library; Center: Medical School Building. Right, from foreground: Doernbecher Memorial Hospital for Children; Outpatient Clinic; Multnomah Hospital; Nurses' Home.

University of Oregon Medical School

Faculty

RICHARD BENJAMIN DILLEHUNT, M.D., Dean of the Medical School.
 DAVID W. E. BAIRD, M.D., Associate Dean of the Medical School.
 HARRY R. CLIFF, M.D., Director, Multnomah County Hospital.
 RALF COUCH, A.B., Secretary of the Medical School.
 LUCY DAVIS PHILLIPS, Registrar of the Medical School.
 BERTHA BRANDON HALLAM, B.A., Librarian of the Medical School.

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 CHARLES RICHARD McCLURE, M.D., Emeritus Professor of Orthopaedic Surgery.
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 CHARLES T. CHAMBERLAIN, M.D., Emeritus Professor of Ophthalmology.

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 ROBERT F. ANDERSON, A.B., Student Assistant.
 JOHN PIERSON, B.A., Student Assistant.
 HILDING OLSON, B.A., Student Assistant.
 GEORGE BERGLUND, B.S., Research Assistant.
 JAMES E. HERBERTSON, M.S., Research Assistant.
 DOROTHY JANE SCOTT, B.A., Technician.

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 NICHOLAS P. SULLIVAN, B.S., M.S., Graduate Assistant.
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 WILLIAM MILES WILSON, M.D., Clinical Instructor.
 THOMAS DUNCAN ROBERTSON, M.D., Clinical Instructor.
 WENDELL H. HUTCHENS, M.D., Clinical Instructor.
 GORDON K. SMITH, M.D., Clinical Instructor.
 CHARLES P. LARSON, M.D., Clinical Instructor.
 CHARLES HENRY MANLOVE, M.D., Clinical Instructor.
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 MELVIN W. ANDERSON, M.D., Resident.
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 LILLIAN EKSTROM, Technician.
 VIOLA S. QUIGLEY, Technician.
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 NILKANTH PHATAK, Ph.D., Instructor.
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 HERMAN VEHR, B.S., Student Assistant.
 J. RICHARD HILL, B.S., Student Assistant.

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 ANDRES KARSTENS, B.A., Assistant.
 ARNE LINDGREN, B.S., Student Assistant.
 FREDERICK WYNIA, B.S., Student Assistant.
 KURT AUMANN, M.A., Student Assistant.
 DEWEY CAMPBELL, Technician.

MILITARY SCIENCE AND TACTICS

HENRY L. KRAFFT, M.D., Lieutenant Colonel, Medical Corps, U.S.A., Professor.

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 NOBLE WILEY JONES, M.D., Clinical Professor.
 THOMAS HOMER COFFEN, M.D., Clinical Professor.
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 RALF COUCH, A.B., Lecturer.
 EDWARD W. ABRAMS, M.D., Resident.
 WILLIAM CONKLIN, M.D., Resident in Tuberculosis.
 JOHN E. TUHY, M.D., Resident in Tuberculosis.
 JAMES CHARLES KENNEDY, M.D., Assistant Resident.
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 CHARLES O. STURDEVANT, M.D., Clinical Instructor.
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 WENDELL H. HUTCHENS, M.D., Clinical Associate.
 GERHARD B. HAUGEN, M.D., Clinical Instructor.
 JOHN L. HASKINS, M.D., Clinical Instructor.
 LEWIS C. MARTIN, Ph.D., Psychologist.

Nutrition

IRA A. MANVILLE, M.D., Ph.D., Associate Clinical Professor; Director of Nutritional Research Laboratory.

Dermatology and Syphilology

LYLE BOYLE KINGERY, M.D., Clinical Professor; Head of Division.
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 GLEN KOONCE, D.D.S., Resident.

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 MARTIN A. HOWARD, M.D., Clinical Instructor.
 F. FLOYD SOUTH, M.D., Clinical Instructor.
 E. W. STRATFORD, M.D., Clinical Instructor.
 ARTHUR C. JONES, M.D., Clinical Instructor.
 LAURIE PAUL LIND, M.D., Clinical Instructor.
 ROBERT BELL SMALLEY, M.D., Clinical Instructor.
 D. C. BOLLAM, M.D., Clinical Instructor.
 ARCH DIACK, M.D., Clinical Instructor.
 LESTER R. CHAUNCEY, M.D., Clinical Instructor.
 ROBERT H. SWINNEY, M.D., Clinical Instructor.
 FRANK PACKARD, M.D., Instructor.
 JOSEPH M. ROBERTS, M.D., Clinical Instructor.
 ROBERT L. THOMAS, M.D., Clinical Instructor.
 E. G. ROBINSON, M.D., Clinical Instructor.
 DONALD R. LAIRD, M.D., Clinical Instructor.
 JOHN TROMMALD, M.D., Clinical Instructor.
 CHARLES E. GURNEY, M.D., Clinical Instructor.
 PHILIP H. MOORE, M.D., Instructor.
 H. MINOR NICHOLS, M.D., Instructor.
 JOHN A. GIUS, M.D., Instructor.
 RICHARD H. HUMPHREYS, M.D., Resident.
 WERNER E. ZELLER, M.D., Assistant Resident.
 FRANCIS WOOLIEVER, M.D., Assistant Resident.

Orthopaedic Surgery

RICHARD BENJAMIN DILLEHUNT, M.D., Clinical Professor; Head of Division.
 OTIS FRANKLIN AKIN, M.D., Clinical Professor.
 HARRY C. BLAIR, M.D., Assistant Clinical Professor.
 CARL ELMER CARLSON, M.D., Assistant Clinical Professor.
 LEO SHERMAN LUCAS, M.D., Assistant Clinical Professor.
 RICHARD F. BERG, M.D., Clinical Instructor.
 ELDON G. CHUINARD, M.D., Clinical Instructor.
 GILBERT MCKELVEY, M.D., Clinical Instructor.

Ophthalmology

FREDERICK ANDREWS KIEHLE, M.D., Professor; Head of Department.
 WILSON JOHNSTON, M.D., Associate Clinical Professor.
 AUGUSTUS BERTRAM DYKMAN, M.D., Associate Clinical Professor.
 HARRY MONROE HENDERSHOTT, M.D., Associate Clinical Professor.
 ANDREW JOHNSON BROWNING, M.D., Associate Clinical Professor.
 CANFIELD BEATTIE, M.D., Assistant Clinical Professor.
 EDGAR MERLE TAYLOR, M.D., Assistant Clinical Professor.
 IRA EARL GASTON, M.D., Clinical Instructor.

RICHARD S. FIXOTT, M.D., Clinical Instructor.
 MILTON B. STEINER, M.D., Clinical Instructor.
 GEORGE C. SAUNDERS, M.D., Clinical Instructor.
 SQUIRE S. BOZORTH, M.D., Clinical Instructor.
 E. A. UNDERWOOD, M.D., Clinical Instructor.
 WILFORD H. BELKNAP, M.D., Clinical Instructor.
 FLOYD L. DUNNAVAN, M.D., Clinical Instructor.
 GEORGE H. HENTON, M.D., Clinical Fellow.
 RALPH PUGMIRE, M.D., Resident.

Otology, Rhinology, and Laryngology

RALPH A. FENTON, M.D., Professor; Head of Department.
 FRANK B. KISTNER, M.D., Clinical Professor.
 RALPH FERRIEN DAVIS, M.D., Clinical Professor.
 HOWARD ERNEST CARRUTH, M.D., Assistant Clinical Professor.
 HAROLD ROY LUCAS, M.D., Assistant Clinical Professor.
 IRVING MARTIN LUPTON, M.D., Assistant Clinical Professor.
 GUY LEE BOYDEN, M.D., Assistant Clinical Professor.
 PAUL BAILEY, M.D., Assistant Clinical Professor.
 H. M. BOUVY, M.D., Clinical Associate.
 LESTER TALLMAN JONES, M.D., Clinical Instructor.
 PAUL TALMADGE NEELY, M.D., Clinical Instructor.
 HENRY VICTOR ADIX, M.D., Clinical Instructor.
 WILBUR M. BOLTON, M.D., Clinical Instructor.
 CANFIELD BEATTIE, M.D., Clinical Instructor.
 MAX SIMONS, M.D., Clinical Instructor.
 SQUIRE S. BOZORTH, M.D., Clinical Instructor.
 GEORGE C. SAUNDERS, M.D., Clinical Instructor.
 MILTON B. STEINER, M.D., Clinical Instructor.
 FLOYD L. DUNNAVAN, M.D., Clinical Instructor.
 LEWIS W. JORDAN, M.D., Clinical Instructor.
 CLIFFORD KUHN, M.D., Clinical Instructor.
 T. GLEN TEN EYCK, M.D., Clinical Fellow.
 TOM DUNHAM, M.D., Resident.

Urology

JOHN GUY STROHM, M.D., Clinical Professor; Head of Division.
 HENRY WELAND HOWARD, M.D., Assistant Clinical Professor.
 FRANKLIN PARADISE JOHNSON, Ph.D., M.D., Assistant Clinical Professor.
 JOHN R. HAND, M.D., Assistant Clinical Professor.
 HAROLD L. BLOSSER, M.D., Clinical Instructor.
 THOMAS R. MONTGOMERY, M.D., Clinical Instructor.
 WARREN E. NIELSEN, M.D., Clinical Fellow.
 PHILIP B. POTAMPA, M.D., Resident.

Anaesthesiology

JOHN H. HUTTON, M.D., Assistant Clinical Professor; Head of Division.
 RUSSELL W. ENOS, M.D., Clinical Fellow.
 VIRGIL C. LARSON, M.D., Resident.
 DOLORES DEFACCIO, M.D., Resident.

OBSTETRICS AND GYNECOLOGY

RAYMOND EDWARD WATKINS, M.D., Professor; Head of Department.
 FRANK RAYMOND MENNE, M.D., Professor.
 *VIRGIL E. DUDMAN, M.D., Associate Clinical Professor.
 THEODORE WRIGHT ADAMS, M.D., Assistant Clinical Professor.
 GOODRICH CAPEN SCHAUFFLER, M.D., Assistant Clinical Professor.
 EUGENE PHILLIS STEINMETZ, M.D., Assistant Clinical Professor.
 HOWARD CECIL STEARNS, M.D., Assistant Clinical Professor.
 WILLIAM MILES WILSON, M.D., Assistant Clinical Professor.
 GUNNAR E. C. NELSON, M.D., Clinical Associate.
 ROBERT LINDSAY McARTHUR, M.D., Clinical Instructor.
 W. RONALD FRAZIER, M.D., Clinical Instructor.
 GIFFORD SEITZ, M.D., Clinical Instructor.
 JACK DOWSETT, M.D., Clinical Instructor.
 RODERICK C. BLATCHFORD, M.D., Clinical Instructor.
 CLIFFORD FEARL, M.D., Clinical Instructor.
 KENNETH J. SCALES, M.D., Resident.
 DUNCAN R. NEILSON, M.D., Assistant Resident.
 RONALD P. NEILSON, M.D., Assistant Resident.
 JAMES E. WHITELY, M.D., Assistant Resident.

PEDIATRICS

JOSEPH B. BILDERBACK, M.D., Professor; Head of Department.
 JAMES WENDELL ROSENFELD, M.D., Associate Clinical Professor.
 LENDON HOWARD SMITH, M.D., Associate Clinical Professor.
 MORRIS LOUIS BRIDGEMAN, M.D., Associate Clinical Professor.
 NELSON WALLACE MERCIER, M.D., Clinical Instructor.
 CARL ASHLEY, M.D., Clinical Instructor.
 SCOTT GOODNIGHT, M.D., Clinical Instructor.
 JOSEPH LIPSCHUTZ, M.D., Clinical Instructor.
 MARIAN REED EAST, M.D., Clinical Instructor.
 PAUL V. WOOLLEY, M.D., Clinical Fellow.
 RODERICK A. NORTON, M.D., Resident.
 GEORGE W. COTTRELL, M.D., Resident.

Executive Faculty of Medical School

FREDERICK MAURICE HUNTER, Chancellor of the State System of Higher Education; RICHARD B. DILLEHUNT, Dean of the Medical School; WILLIAM F. ALLEN, DAVID W. E. BAIRD, JOSEPH B. BILDERBACK, HARRY R. CLIFF, NORMAN A. DAVID, HENRY H. DIXON, RALPH A. FENTON, HANCE F. HANEY, WARREN C. HUNTER, THOMAS M. JOYCE, FREDERICK A. KIEHLE, LYLE B. KINGERY, OLOF LARSELL, FRANK R. MENNE, EDWIN E. OSGOOD, HARRY J. SEARS, LAURENCE SELLING, J. GUY STROHM, RAYMOND E. WATKINS, EDWARD S. WEST, RALF COUCH (secretary ex officio).

STANDING COMMITTEES

Admission and Advanced Standing—EDWARD S. WEST (chairman), DAVID W. E. BAIRD, HANCE F. HANEY, the Registrar of the Medical School (ex officio).

* Deceased August 5, 1940.

Curriculum and Schedule—LAURENCE SELLING (chairman), DAVID W. E. BAIRD, THOMAS M. JOYCE, OLOF LARSELL, HARRY R. CLIFF, RALF COUCH (ex officio).
Graduate Work—OLOF LARSELL (chairman), FRANK R. MENNE.
Publications and Catalog—RALF COUCH (chairman), WILLIAM F. ALLEN.
Library—OLOF LARSELL (chairman), NOBLE WILEY JONES, WILLIAM F. ALLEN, FRANK R. MENNE, JOHN E. WEEKS, the Librarian of the Medical School (ex officio).
Research—WILLIAM F. ALLEN (chairman), FRANK R. MENNE, HARRY J. SEARS, OLOF LARSELL, FRANK R. MOUNT, NOBLE WILEY JONES, EDWARD S. WEST.
Jones Lectureship—LAURENCE SELLING (chairman), T. HOMER COFFEN.
Student Health—NORMAN A. DAVID (chairman), HANCE F. HANEY, HARRY J. SEARS, DAVID W. E. BAIRD.
Graduation—DAVID W. E. BAIRD (chairman), WILLIAM F. ALLEN, LYLE B. KINGERY, RALF COUCH.
Internships—WARREN C. HUNTER (chairman), NOBLE WILEY JONES, RALF COUCH.
Henry Waldo Coe Prize—HARRY J. SEARS (chairman), LAURENCE SELLING.
Committee on Scholarships—EDWARD S. WEST (chairman), FRANK R. MENNE, RALF COUCH, ELNORA E. THOMSON (Department of Nursing Education).

Administrative and Service Divisions

ADMINISTRATION

RICHARD BENJAMIN DILLEHUNT, M.D., Dean.
 DAVID W. E. BAIRD, M.D., Associate Dean.
 RALF COUCH, A.B., Secretary of Medical School.

REGISTRAR'S OFFICE

LUCY DAVIS PHILLIPS, Registrar.
 LOLA L. VOIT, Secretary.

LIBRARY

BERTHA BRANDON HALLAM, B.A., Librarian.
 ORA KIRSHNER GOODMAN, B.S., Catalog Librarian.
 MARGARET ELIZABETH HUGHES, B.S., Circulation Librarian.

BUSINESS OFFICE

RALF COUCH, A.B., Business Manager.
 MARY HEALY, Office Manager.

TELEPHONE EXCHANGE

IDA F. LUKE, Head Telephone Operator.

BUILDING AND GROUNDS

WREN E. GAINES, Superintendent of Buildings and Grounds.

CLARICE ASHWORTH, Medical Illustrator.
 CHARLES NORRIS, Photographer.

**University of Oregon Medical School
Hospitals and Clinics**

RICHARD BENJAMIN DILLEHUNT, M.D., Dean.
DAVID W. E. BAIRD, M.D., General Medical Director.
RALF COUCH, A.B., General Superintendent.
FRANCES LANGOE, Secretary.

LAURENCE SELLING, M.D., Chief of Medical Services.
THOMAS M. JOYCE, M.D., Chief of Surgical Services.
RAYMOND D. WATKINS, M.D., Chief of Obstetrical and Gynecological Services.
J. B. BILDERBACK, M.D., Chief of Pediatric Services.
RALPH A. FENTON, M.D., Chief of Otolaryngological Services.
FREDERICK A. KIEHLE, M.D., Chief of Ophthalmological Services.
HENRY H. DIXON, M.D., Chief of Psychiatric Service.
LYLE B. KINGERY, M.D., Chief of the Dermatological and Syphilological Services.
ARTHUR W. CHANCE, D.D.S., M.D., Chief of Dental Medical Service.
RICHARD B. DILLEHUNT, M.D., Chief of Orthopaedic Services.
J. GUY STROHM, M.D., Chief of Urological Services.
DORWIN L. PALMER, M.D., Chief of Radiological Services.
HOWARD P. LEWIS, M.D., Chief of Clinical Laboratories.
FRANK R. MENNE, M.D., Chief of Pathological Services.
ARTHUR C. JONES, M.D., Chief of Physical Therapy Service.
JOHN H. HUTTON, M.D., Chief of Anaesthesia Service.

ETTA McOMBER, Chief of Admitting Service.
AMELIA FEARY, M.A., R.N., Chief of Medical Social Service.
GRACE PHELPS, R.N., Chief of Nursing Service.
LAURA MARTIN, R.N., R.R.L., Chief Record Librarian.
JAMES C. SHIRLEY, Ph.G., Chief Pharmacist.

Doernbecher Children's Hospital Unit

J. B. BILDERBACK, M.D., Chief of Staff.
GRACE PHELPS, R.N., Superintendent.

WILLIAM Y. BURTON, M.D., Radiologist.
FRANK R. MENNE, M.D., Pathologist.
HOWARD P. LEWIS, M.D., Chief of Clinical Laboratories.
ARTHUR C. JONES, M.D., Physical Therapist.

RUFINA McDONALD, R.N., Admitting.
MARGARET DEMKE, R.N., Medical Records.
MABEL McELLOGOTT, R.N., Surgery Supervisor.
MONA CAMPBELL, B.A., Dietitian.
MALVESON PARKER, R.N., Supervisor.
SALLY C. KERBY-MILLER, R.N., Supervisor.
EVELYN J. CAMILLO, R.N., Supervisor.

General Outpatient Unit

DAVID W. E. BAIRD, M.D., Medical Director.
RALF COUCH, A.B., Superintendent.
VALENTINE PRITCHARD, Assistant Superintendent.

WILLIAM Y. BURTON, M.D., Radiologist.
RALPH HAYES, B.S., R.T., Chief X-ray Technician.
HOWARD P. LEWIS, M.D., Director of Clinical Laboratory.
VIDA FATLAND, M.T., Chief Laboratory Technician.
FRANK R. MENNE, M.D., Pathologist.
ARTHUR C. JONES, M.D., Physical Therapy.
JEAN COLLINGS, R.N., Physical Therapy Technician.
JOHN H. HUTTON, M.D., Anaesthetist.
MARY E. STARKWEATHER, B.A., R.N., Supervisor of Nurses.
AMELIA FEARY, M.S., R.N., Supervisor of Social Service.
JAMES C. SHIRLEY, Ph.G., Pharmacist.
ETTA McOMBER, Admitting Officer.
LAURA MARTIN, R.N., R.R.L., Record Librarian.
IRENE WADDELL, Dietitian.

Multnomah Hospital Unit

HARRY R. CLIFF, M.D., Director.
DAVID W. E. BAIRD, M.D., Medical Director.
CHARLES N. HOLMAN, M.D., Assistant Medical Director.
EMMA E. JONES, R.N., Superintendent.
VERNA JOHNSON, R.N., Assistant Superintendent.

WILLIAM Y. BURTON, M.D., Radiologist.
FRANK R. MENNE, M.D., Pathologist.
JOHN H. HUTTON, M.D., Anaesthetist.
ARTHUR C. JONES, M.D., Physical Therapist.

ETHEL KATHERINE SEARS, R.N., Supervisor of Nurses.
ALICE SHARF, R.N., Surgery Supervisor.
DORRIS HARRIS, R.N., Admitting Department.
EDNA TATRO, R.N., Medical Records.
EDNA CARL, Dietitian.
JOHN CODLING, B.S., Ph.C., Pharmacist.

Tuberculosis Hospital Unit

R. B. DILLEHUNT, M.D., Dean.
DAVID W. E. BAIRD, M.D., Medical Director.
JAMES CONANT, M.D., Assistant Medical Director.
RALF COUCH, A.B., Administrator.

RALPH C. MATSON, M.D., Associate Clinical Professor.
MARR BISAILLON, M.D., Assistant Clinical Professor.

GROVER C. BELLINGER, M.D., Clinical Associate.
 JAMES T. SPEROS, M.D., Director of Outpatient Clinic.
 HOWARD P. LEWIS, M.D., Director of Laboratories.
 DORWIN L. PALMER, M.D., Radiologist.
 JOHN L. HUTTON, M.D., Anaesthetist.
 FRANK R. MENNE, M. D. Pathologist.

LAURENCE SELLING, M.D., Professor of Medicine.
 THOMAS M. JOYCE, Professor of Surgery.
 RAYMOND E. WATKINS, M.D., Professor of Obstetrics and Gynecology.
 J. B. BILDERBACK, M.D., Professor of Pediatrics.
 RALPH A. FENTON, M.D., Professor of Otolaryngology.
 FREDERICK A. KIEHLE, M.D., Professor of Ophthalmology.
 RICHARD B. DILLEHUNT, M.D., Clinical Professor of Orthopaedic Surgery.
 J. GUY STROHM, M.D., Clinical Professor of Urology.
 ARTHUR W. CHANCE, D.D.S., M.D., Associate Clinical Professor of Dental Medicine.

AMELIA COOK, R.N., Surgery Supervisor.
 JEAN McCROSKEY PHILLIPS, Dietitian.
 JAMES C. SHIRLEY, Ph.G., Pharmacist.
 CLARA ENGBRETSSEN, R.N., Supervisor.
 BETTY MAGUIRE, Technician.
 AILEEN REINHART, Technician.
 WALTER O. HARRISON, Engineer.
 GRACE HIRT, Admitting Nurse.

Visiting Physician Service

ORRIN A. HESS, M.D., Multnomah County Physician.
 RANDALL WHITE, M.D., Physician.
 HAROLD DOBBINS, M.D., Physician.
 CATHERINE MOLLENHOUR, R.N., Nurse.
 LOIS BRADFORD, R. N., Nurse.

Child Guidance Clinic

HENRY H. DIXON, M.D., Clinical Professor of Neuropsychiatry.
 WENDELL H. HUTCHENS, M.D., Clinical Associate in Medicine.
 LEWIS C. MARTIN, Ph.D., Psychologist.
 GLADYS DOBSON, M.S., Social Service.

STATE EXTENSION—CHILD GUIDANCE

HENRY H. DIXON, M.D., Chief Psychiatrist.
 WENDELL H. HUTCHENS, M.D., Psychiatrist.
 GERHARD B. HAUGEN, M.D., Psychiatrist.
 ALLAN EAST, M.A., Social Service.
 EUGENIA AMERATA, Secretary.

The Medical School

THE University of Oregon Medical School has been in continuous operation since 1887, when it was established by a charter from the regents of the University. On September 1, 1913, the Willamette University department of medicine was merged with the University of Oregon Medical School, leaving the University of Oregon Medical School the only medical school in the Pacific Northwest. Under the terms of the merger, the students of the Willamette University medical department were transferred to the University of Oregon Medical School, and upon graduation received diplomas indicative of the consolidation. The alumni bodies of the two institutions were also merged.

The Medical School is organized into instructional divisions as follows: basic-science departments, offering instruction in those sciences basic to medicine; clinical departments, offering instruction in medicine in its various branches, surgery with its various branches, obstetrics, gynecology, and pediatrics; and the Department of Nursing Education.

Location

PORTLAND (population 310,000), situated on the Willamette River near its junction with the Columbia, is a modern city of diverse business and industrial activities. Although 100 miles from the Pacific, Portland is an important seaport. The city is known for its beautiful homes, parks, and boulevards, and for its equable climate. The foothills of the Cascade Mountains rise on the outskirts of the city. Mount Hood, one of the major peaks of the range, towers on the southeastern horizon.

As indicated elsewhere, concentration of a number of hospitals on the campus of the Medical School and articulation of the work of the school with various health and social agencies of the city afford superior opportunities for medical study.

Campus and Buildings

PRIOR to 1919 the Medical School was housed in a three-story frame building at Twenty-third and Lovejoy streets near the Good Samaritan Hospital. In 1919 the school was moved to a twenty-acre tract deeded to the regents of the University by the Oregon-Washington Railroad and Navigation Company in 1914, as a campus for future development of a center of medical teaching and research. The campus was enlarged in 1924 by the addition of Sam Jackson Park, an adjoining tract of eighty-eight acres, a gift of Mrs. C. S. Jackson and Mr. Philip Jackson in behalf and in memory of the late Mr. C. S. Jackson. The entire campus of one hundred and eight acres occupies a site of exceptional scenic grandeur, at an elevation overlooking the city and the Willamette River, isolated from noise and smoke but within one and one-half miles of the business center. It affords an ideal setting for Medical School buildings and affiliated hospitals. In 1920 the University conveyed to Multnomah County nine acres on the campus

for the construction of a general charity hospital. In 1926 a tract of twenty-five acres was deeded to the United States government as a site for a Veterans' Bureau hospital of three hundred beds.

The First Medical School Unit (1919) was financed through an appropriation of \$110,000 by the 1917 State Legislature and by cash donations amounting to \$25,000 from Portland citizens. The building is a three-story reinforced-concrete structure.

Mackenzie Hall (1922), second unit of the Medical School Building, was financed by an appropriation of \$113,000 by the 1921 State Legislature, matched by an equal appropriation from the General Education Board of New York. It is named in honor of the late Dean Kenneth A. J. Mackenzie. The building is four stories high, similar in construction to the first unit but with twice its capacity. The General Education Board appropriated \$50,000 in addition for equipment.

The Doernbecher Memorial Hospital for Children (1926) was financed through a gift of \$200,000 in 1924 by Mrs. E. W. Morse and Mr. Edward Doernbecher in memory of their father, the late Mr. F. S. Doernbecher. This fund was augmented by individual gifts totaling \$120,000. The hospital contains 80 beds for children. It provides exceptional facilities for the care of sick and disabled children committed to the Medical School by the counties of the state under the Children's Hospital Service Law.

The Outpatient Clinic (1931), connecting the Doernbecher Memorial Hospital for Children and the Multnomah County General Hospital, affords teaching facilities for the clinical branches of the Medical School. Funds for the construction of the building were provided through a gift from the General Education Board of New York amounting to \$400,000.

The Multnomah County Hospital (1923), constructed by the commissioners of Multnomah County, is connected with the General Outpatient Clinic Unit. It has a capacity of 330 beds and serves as one of the teaching units of the Medical School. The Multnomah Hospital group includes also the Nurses' Home (1927) and the Heating Plant (1923).

The University State Tuberculosis Hospital (1939) is the newest unit of the Medical School hospitals and clinics. Funds for the hospital were provided by a state appropriation of \$110,000, a Public Works Administration grant of \$130,900, and a gift from Mrs. Grace R. Meier, Jack Meier, Mrs. Joseph Ehrman, Jr., and Mrs. Frederick Ganz, in memory of Mr. Julius L. Meier, husband and father. The outpatient clinic of the hospital is called the Julius L. Meier Memorial Clinic.

The Library and the Auditorium (1939) were erected with funds provided through gifts of \$100,000 from Dr. John E. Weeks and \$100,000 from the Rockefeller Foundation, and through a grant of \$163,500 from the Public Works Administration. The Library stacks provide shelving space for 100,000 volumes, and may be expanded to accommodate an additional 100,000. The Auditorium, with a seating capacity of 600, provides facilities for classes, lectures, and scientific meetings in the field of medicine for students in the Medical School and physicians of the state of Oregon and the Pacific Northwest.

Clinical and Special Facilities

CLINICAL facilities are afforded by the Multnomah Hospital, the Doernbecher Memorial Hospital for Children, the Outpatient Clinic, the University State Tuberculosis Hospital, and the Extramural Clinics. These institutions and agencies are effectively coordinated for the clinical needs of the Medical School.

Multnomah Hospital. The first unit of the Multnomah Hospital was opened in 1923. This unit, built at a cost of approximately \$1,000,000, embodies the most modern conceptions of a teaching hospital. It is a general charity hospital and accommodates 300 beds. Contemplated additional units will increase the capacity to 500 beds.

Under the terms of a contractual agreement between the commissioners of Multnomah County and the University of Oregon, the Medical School has access to the hospital for teaching purposes and the director of the hospital is a University official. The director of the hospital appoints the professional staff, from nominations by the Medical School. The arrangement provides a most successful affiliation for teaching, research, and the care of the sick.

The Doernbecher Memorial Hospital for Children affords every facility for teaching and research in the Department of Pediatrics and in other clinical divisions. The hospital is operated by state appropriations and private donations.

Outpatient Clinic. Admissions, medical records, X-ray, laboratory, social service, and other such medical services are unified and coordinated in the Outpatient Clinic, housed in a unit connecting the Doernbecher Memorial Hospital and the Multnomah County Hospital. Through this arrangement, duplication is eliminated, and the care of patients and the teaching of medical students greatly facilitated. The history of the Outpatient Clinic began with the founding of the Portland Free Dispensary in 1907 by the Peoples' Institute, a private philanthropic institution. The dispensary became affiliated with the Medical School in 1909. It was located at Fourth and Jefferson streets until January 1, 1931, when it was merged into the Outpatient Clinic on the Medical School campus.

The budget for maintenance and operation of the clinic is provided by Multnomah County, the city of Portland, the State Board of Health, the Medical School, the Oregon Tuberculosis Association, the Portland Community Chest, and the Junior League of Portland. Cooperative service is furnished by the Junior League of Portland and the Visiting Nurses Association.

The Tuberculosis Hospital is an 80-bed hospital devoted to the care of patients suffering from tuberculosis. It provides medical and surgical facilities for teaching medical students, internes, and residents.

Extramural Clinics. Clinics and ward walks for small classes are conducted in a number of hospitals not situated on the Medical School campus—at Good Samaritan Hospital, Emanuel Hospital, Shriners' Hospital for Crippled Children, Waverly Baby Home, Albertina Kerr Nursery, and State Hospital for the Insane.

Autopsy Service and Pathological Museum. Under a contractual agreement with the Multnomah County commissioners, the Department of Path-

ology of the Medical School is designated to perform and record all coroners' autopsies. Approximately 600 autopsies are performed a year. This arrangement materially augments the Pathological Museum and affords unusual opportunity for teaching in pathology and medical jurisprudence, besides assuring authoritative records for medicolegal purposes. The Museum has gross and tissue specimens numbering many thousands.

Library

THE Medical School Library contains more than 28,000 volumes and receives 471 current journals. Through the privilege of interlibrary loans it is possible to procure within a few days volumes not contained in this collection. The Library is supported from the general Medical School fund. In addition, the Oregon State Board of Medical Examiners, the Portland Academy of Medicine, and the Portland City and County Medical Society contribute annually toward its maintenance.

Included in the Library is the valuable collection of the late Dr. Ernst A. Sommer, consisting of nearly 2,000 volumes, presented to the school by Dr. Sommer in March 1933.

The Library occupies a new building constructed through gifts made by Dr. John E. Weeks, the Rockefeller Foundation, and the Public Works Administration.

The following regulations govern fines and charges in connection with the use of Library facilities:

(1) If a book borrowed from the reserve department is not returned when due, a fine of 25 cents is charged for the first hour and 5 cents for each succeeding hour, or fraction thereof, until the book is returned or reported lost. A maximum charge of \$1.00 per hour may be made in cases of flagrant violation of the rules.

(2) A service charge of 10 cents is added to all accounts reported to the Business Office for collection.

(3) If a book, which has been reported lost and has been paid for, is returned within one year, refund will be made after deduction of the accumulated fines, plus a service charge of 50 cents.

During the fall term, students of the first-year class and other students who are interested are given a brief survey of the resources and use of the Library.

Admission and Requirements

APPLICATION for admission to the Medical School should be made not later than March 1. The list of matriculants must be completed early in March. It is therefore impossible to consider applications submitted after March 1. Notice of acceptance of application is accompanied by an original and a duplicate matriculation card. The original is to be presented on registration day. The duplicate must be returned not later than two weeks following receipt, with a matriculation fee of \$5.00 and a deposit of \$20.00 to reserve a place in the entering class. The deposit of \$20.00 applies toward the tuition fee of the first term. It is not refundable after a period of thirty days following notice of acceptance.

Applicants for admission are required to have satisfactorily completed four years in an accredited high school, or its equivalent, and collegiate preparation

covering not less than three years of study in an acceptable institution. Preparation for entrance to the University of Oregon Medical School must include the following:

(1) **High-School Preparation.** Applicants for admission are required to satisfy the entrance requirements for admission to an accredited college or university.

Recommended High-School Course. The following high-school course, which meets all the formal requirements, is strongly recommended:

	Units		Units
English	4	Latin	2
Algebra	1½	History	1
Geometry	1	German or French	2
Physics	1	Electives	1½
Chemistry	1		
Total	15		

(2) **Collegiate Preparation.** At least 135 term hours (90 semester hours) of collegiate preparation, exclusive of credit in military science, in an accredited institution are required for admission. The following work is prescribed as a part of this preparation:

Chemistry, inorganic (quantitative should be included)	15
Chemistry, organic	8
Biology	20
Physics	12
English	9
German or French	20

The subject matter covered in the course in organic chemistry should be distributed over the aliphatic and aromatic compounds. Not less than twenty-five per cent of all chemistry credit must be for laboratory work.

Preparation in biology should be distributed between morphological and experimental courses in animal biology.

The course in physics should cover the subject divisions presented in the customary one-year college course, including not less than one laboratory period per week.

The German or French requirement may be satisfied by a statement certifying that the applicant possesses a ready sight-reading ability, submitted by an instructor offering courses for credit in French or German in a standard college or university.

Candidates who are deficient in any of the minimum requirements indicated above will not be considered eligible for admission.

The student should not anticipate Medical School courses in bacteriology, biochemistry, histology, human anatomy, physiology, etc., at the expense of the fundamental courses listed above.

Recommended Elective Subjects. The student preparing to study medicine is advised to plan a balance in elective courses between courses in liberal arts and courses, beyond the minimum requirements, in subjects prescribed for admission to the Medical School. Subjects suggested are: history, economics, sociology, psychology, mathematics, and advanced work in English.

Present facilities make it necessary to limit each entering class to sixty. Many more than this number apply for admission. Selection is made upon the basis of scholarship, thoroughness of preparation, and personal fitness for the profession.

Aptitude Tests. All applicants for admission are expected to have taken the aptitude test given by the Association of American Medical Colleges at the various institutions offering premedical curricula. Exceptions to this rule may be allowed in the case of applicants who, because of legitimate reasons approved by the Committee on Admissions, have been unable to take the test.

Bachelor's Degree. A student entering the University of Oregon Medical School without a Bachelor of Arts or Bachelor of Science degree must complete the work required for one of these degrees in the Oregon State System of Higher Education, or in the institution at which he received his premedical preparation, before entering upon the work of the third year in the Medical School.

Special Students. Special students having the degree of Bachelor of Arts or Bachelor of Science and other qualifications in point of experience may be admitted to certain courses in the Medical School upon recommendation by the head of the department concerned to the committee on Admissions, subject to approval by the dean. Academic credit will not be granted for such work in clinical subjects unless, upon the recommendation of the Committee on Admissions, the candidate is registered in the Graduate Division of the State System of Higher Education. Graduates in medicine may register as special students in any course. No graduates in medicine are accepted as candidates for the degree of Doctor of Medicine.

Special students are required to submit credentials and secure the approval of the Committee on Admissions before registering.

Students who register for special work and who are not candidates for the degree of Doctor of Medicine are charged tuition according to the amount of work undertaken and the nature of the course.

Advanced Standing. A student may be accepted for admission with advanced standing, provided his official credentials are accompanied by a statement from the registrar of the institution from which he is transferring to the effect that the applicant's scholarship in medical-school work ranks him in the upper fifty per cent of his class. An honorable dismissal and premedical preparation meeting the regular requirements for admission are also required. Students admitted with advanced standing must take at least the last year of work at the University of Oregon Medical School.

Promotion. In order to be promoted from the first to the second year and from the second to the third year in the Medical School, the student must receive a passing grade in all subjects and an average grade of IV or better for the work of the entire year. The status of students failing to meet these requirements will be determined by the Promotion Board.

For promotion from the third to the fourth year, the student must receive a passing grade in all subjects of the third-year curriculum, and pass a general oral examination during the spring term in the subjects of medicine, surgery, obstetrics, and gynecology.

Fourth-year students must receive passing grades in all subjects of the fourth-year curriculum.

Requirements for Degrees. Work is offered at the Medical School leading to Doctor of Medicine, Master of Arts, Master of Science, and Doctor of Philosophy Degrees.

M.D. Degree. A candidate for the degree of Doctor of Medicine must have completed satisfactorily the curriculum prescribed by the faculty of the Medical School. All candidates for degrees are expected to be present at the commencement exercises to receive the diploma in person.

M.A., M.S., and Ph.D. Degrees. The departments of Anatomy, Bacteriology and Hygiene, Biochemistry, Pathology, Pharmacology, and Physiology offer instruction leading to the Master of Arts, the Master of Science, and the Doctor of Philosophy degrees. Work toward these degrees is offered as an integral part of the work of the Graduate Division of the Oregon State System of Higher Education, and is subject to the rules and regulations of the Graduate Division.

Graduate degrees earned at the Medical School by students preparing for a medical career or by students who have the M.D. degree are conferred by the University of Oregon. Graduate degrees earned by nonmedical students are conferred by Oregon State College.

Summer Courses

A LIMITED amount of clinical work at the Outpatient Clinic is offered during the summer months to students of junior and senior standing in the University of Oregon Medical School. The full time required for work in the fall, winter, and spring terms is required when a course is taken in the summer. Clinics, for which required or elective credit may be given, are conducted in medicine, surgery, dermatology, urology, ophthalmology, otology, rhinology, laryngology, gynecology, and obstetrics.

Fees and Deposits

F EES and deposits paid by students at the University of Oregon Medical School are as follows:

REGULAR FEES

¹ Matriculation fee (not refundable).....	\$5.00
Resident tuition and laboratory fee, per term.....	\$115.00
Nonresident tuition and laboratory fee, per term.....	\$135.00
² Building fee, per term.....	\$5.00

GRADUATE FEES³

Tuition and fees for graduate students registered for 7 or more term hours of work, per term.....	\$21.50
Tuition and fees for graduate students registered for 6 term hours of work or less, per term hour.....	\$3.00
Building fee for graduate students registered for 7 or more term hours of work, per term.....	\$5.00

DEPOSITS

⁴ Deposit to reserve place in entering class.....	\$20.00
⁵ Breakage deposit—first and second years.....	\$15.00
⁶ Breakage deposit—third and fourth years.....	\$10.00
Breakage deposit—graduate students	\$5.00

¹ Students who have paid the matriculation fee at the University or the State College do not pay this fee.

² Part-time special students (taking 6 term hours of work or less) do not pay the building fee.

³ Graduate students do not pay the nonresident fee.

⁴ See under ADMISSION AND REQUIREMENTS.

⁵ The cost of any damage done by a student to Medical School property is deducted from his deposit; in case the identity of the one responsible cannot be established, a prorata charge is made against the entire class of which he is a member.

SPECIAL FEES

Fee for special students registered for 6 term hours of work or less.....	\$6.50 per term hour, with a minimum of \$10.00 a term
Graduation fee	\$6.50
Includes \$2.00 alumni dues.	
Late-registration fee.....	\$1.00 to \$5.00
Students registering after the scheduled registration day of any term pay a late-registration fee of \$1.00 for the first day and \$1.00 for each additional day until a maximum charge of \$5.00 is reached.	
Penalty for late payment of tuition fees (full payment).....	\$2.00 minimum
The student pays \$2.00 for the first day of delinquency, and 25 cents for each additional day thereafter. Registration is cancelled after one penalty week.	
Penalty for late payment of tuition fees (installments).....	\$.25 per day
Registration is cancelled after one week's delinquency.	
Auditor's fee, per term hour.....	\$1.00 to \$6.50
An auditor is a person who has obtained permission to attend classes without receiving academic credit. Auditors pay a fee of \$1.00 per term hour for non-laboratory courses, and \$6.50 per term hour for laboratory courses.	
Transcript fee.....	1.00
A fee of \$1.00 is charged for each transcript of credits issued after the first, which is issued free of charge.	

MICROSCOPES

Medical students are expected to provide themselves with microscopes. A limited number of microscopes are available for students who wish to rent them, for a fee of from \$3.00 to \$4.00 a term.

FEE REFUNDS

Students who withdraw from the Medical School and who have complied with the regulations governing withdrawals are entitled to certain refunds of fees paid, depending on the time of withdrawal. The refund schedule has been established by the State Board of Higher Education, and is on file in the Business Office of the Medical School. All refunds are subject to the following regulations:

- (1) Any claim for refund must be made in writing before the close of the term in which the claim originated.
- (2) Refunds in all cases shall be calculated from the date of application for refund and not from the date when the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the control of the student.

REGULATIONS GOVERNING NONRESIDENT TUITION

The Oregon State Board of Higher Education has defined a nonresident student as a person who comes into Oregon from another state for the purpose of attending one of the institutions under the control of the Board.

In order to draw a clear line between resident and nonresident students, the Board has ordered that all students in the institutions under its control who have not been domiciled in Oregon for more than one year immediately preceding

the day of their first enrollment in the institution shall be termed nonresident students, with the following exceptions:

- (1) Students whose father (or mother, if the father is not living) is domiciled in the state of Oregon.
- (2) Children of regular employees of the Federal government stationed in the state of Oregon.
- (3) Students holding bachelor's or higher degrees from higher educational institutions whose work is acceptable as preparation for graduate work.

Fellowships, Scholarships, Loan Funds, Prizes

Noble Wiley Jones Pathology Research Fellowship. This fellowship founded in 1919, consisting of the interest on \$5,000 held in trust, is the gift of Dr. Noble Wiley Jones of Portland. It is awarded annually to a medical student on the basis of scholastic ability, training in pathology, and interest in the work.

Kenneth A. J. Mackenzie Memorial Fellowship. This \$1,000 fellowship, established in 1939 and endowed through the income of a bequest from the late Mildred Anna Williams, is awarded annually to a student completing his premedical work at the University of Oregon, for the study of medicine at the University of Oregon Medical School. The award is made by the president of the University and the dean of the Medical School on the basis of scholarship and economic need.

Pohl Memorial Fellowship. This fellowship was endowed in 1936 by Dr. Esther Pohl Lovejoy, in memory of her husband, Dr. Emil Pohl, and her son, Frederick Clayson Pohl. This fellowship is awarded to a student of promise in the field of medicine.

State Scholarships. In accordance with special authorization from the Legislature, the State Board of Higher Education awards annually a limited number of scholarships to students in the institutions of the State System who rank high in scholastic attainment and who need financial assistance. These scholarships cover tuition. Recipients must pay the building fee, the matriculation fee, and special fees. Award of State Scholarships to students at the Medical School is made by the High School Contacts Committee of the State System of Higher Education, upon recommendation of the dean of the Medical School and the Scholarship Committee of the school. Applications should be sent to the dean not later than May 15.

George H. Strowbridge Memorial Scholarship. This scholarship consists of the annual income of a bequest of \$5,000 from Mary S. Muellhaupt in memory of George H. Strowbridge, M.D., a graduate of the University of Oregon Medical School in the class of 1897. Award is made to a student of the second-, third-, or fourth-year class upon the basis of scholastic attainment and need. Application should be filed in the office of the dean of the Medical School not later than May 15. Scholarships will be awarded by the dean upon the recommendation of the Faculty Scholarship Committee.

Ben Selling Loan Fund. This fund, a bequest from the late Mr. Ben Selling, is administered by Dr. Laurence Selling. Applications for loans are made through the office of the dean of the Medical School.

The Leona M. Hickman Student Loan Fund, established in 1936, is available, by the terms of the trust, to young men who are actual residents of King County, state of Washington; the fund is administered by the Peoples National Bank of Washington in Seattle as trustee. Application should be made to the Trust Department of the Peoples National Bank of Washington, 1414 Fourth Avenue, Seattle, Washington.

Henry Waldo Coe Prize. This prize, founded in 1929, is awarded annually to the second-, third-, or fourth-year student in the Medical School who presents an essay on a medical subject exhibiting superiority and originality in composition. The prize consists of the interest on a gift of \$1,000 from the late Dr. Henry Waldo Coe.

Endowment Funds

The Dorothy Stowbridge Jackson Memorial Fund (1935) was made available through the trust agreement provided in the will of Zola P. White. The trust, the income of which is to be devoted to instructional needs of the Department of Medicine, is administered by the First National Bank of Portland. The assets of the fund include property in Portland and in Clackamas County.

The Widmer Memorial Research Fund (1939) was made available through a gift from Gertrude E. and Margaret M. Widmer, residents of Eugene, in memory of their parents and brother. The assets of the fund at the present time consist of a farm of 171.67 acres situated near Eugene, Oregon. The income from this fund is to be utilized for the purposes of research and treatment of cancer and heart disease.

The Lola Norwood Diack Trust Fund (1938) was established by Dr. Samuel L. Diack and others in memory of Lola Norwood Diack; the income is available to the various departments of the Medical School for research.

Jones Lectureship in Medicine. The Jones Lectureship in Medicine, founded by Dr. Noble Wiley Jones of Portland, provides the income from a \$5,000 fund for a series of lectures by an authority in some branch of medical science. The first lectures were given in 1920 by Professor Ludwig Hektoen, professor of pathology, University of Chicago; the second in 1921, by Professor William Ophüls, professor of pathology, Stanford University; the third in 1922, by Sir Thomas Lewis of London; the fourth in 1925, by Dr. A. J. Carlson, University of Chicago; the fifth in 1926, by Dr. Martin H. Fisher, professor of physiology, University of Cincinnati; the sixth in 1928, by Dr. Julius Bauer of Vienna; the seventh in 1931, by Dr. E. T. Bell, professor of pathology, University of Minnesota Medical School; the eighth in 1932, by Dr. W. B. Cannon, professor of physiology, Harvard University; the ninth in 1933, by Dr. George H. Whipple, dean of the University of Rochester Medical School; the tenth in 1934 by Dr. John Farquhar Fulton, Sterling professor of physiology, Yale University School of Medicine; the eleventh in 1935, by Dr. Wilder Penfield, professor of neurology and neurosurgery, McGill University; the twelfth in 1938, by Dr. Eugene M. Landis, assistant professor of medicine, University of Pennsylvania; and the thirteenth in 1940, by Dr. Herbert M. Evans, professor of anatomy and Herzstein professor of biology, University of California.

Student Health

A COMMITTEE of the faculty has special charge of student health. In addition to the general service of the entire school, arrangement is made for securing the advice and service of the dean, associate dean, and heads of departments in all student health and welfare problems. All entering students are required to take a physical examination and all graduating students are required to take a special chest examination. Each student pays the cost of materials and supplies (laboratory, X-rays, electrocardiograms, drugs, etc.) used in connection with entrance physical examinations and with subsequent physical examinations and medical service.

Fraternal and Honor Societies

CHAPTERS of the following medical fraternities and honor societies are located at the Medical School: Alpha Epsilon Iota; Alpha Kappa Kappa; Nu Sigma Nu; Phi Delta Epsilon; Theta Kappa Psi; Alpha Omega Alpha (honorary medical society for both men and women).

Alumni Association

THE Medical School Alumni Association includes the graduates of the Medical School and of the Willamette University department of medicine, which was merged with the University of Oregon Medical School in 1913. A strong organization has been built up, devoted to the interests of students and graduates and to the encouragement of scientific and professional progress among members of the association and in the medical profession generally. With the faculty of the Medical School, the association is cooperating to build up in Portland a great medical center. The officers of the Alumni Association for 1940-41 are:

DR. WILBUR M. BOLTON, Portland.....	President
DR. CARL G. ASHLEY, Portland.....	Vice-President
DR. JOHN W. UNIS, Seattle.....	Vice-President
DR. CLARENCE L. GILSTRAP, LaGrande.....	Vice-President
DR. NORRIS R. JONES, Sacramento.....	Vice-President
DR. EDMUND H. BERGER, Portland.....	Secretary
DR. RICHARD B. ADAMS, Portland.....	Treasurer

Curriculum in Medicine

THE curriculum in medicine requires a total of seven years' work beyond high school. The first three years must be satisfactorily completed before admission to the Medical School in Portland. It has been found necessary for the present to limit the number of first-year students at the Medical School; consequently, completion of the third premedical year does not guarantee admission to the Medical School.

The four years spent in the Medical School in Portland are devoted to the subjects of the regular four-year curriculum in medicine required by law.

The prescribed and recommended subjects for the first, second, and third undergraduate years—i.e., premedical instruction—are described under **ADMISSION AND REQUIREMENTS**. In the first, second, third, and fourth years at the Medical School there are 4,449 hours of required work. Elective courses may be taken with the permission of the instructor in any term for which they are scheduled. Students should consult the instructor in charge before enrolling in an elective course. Descriptions of courses are to be found under the several departmental headings.

PREScribed WORK

	Aggregate hours				Term hours
	Lecture	Lab.	Clinic	Total	
First Year					
An 411, 412, 413.....Anatomy	99	297	396	18	
An 414.....Histology	33	99	132	6	
An 415.....Embryology	22	66	88	4	
An 511.....Neurology	22	66	88	4	
Bac 413.....Bacteriology	33	99	132	6	
BCh 411, 412.....Biochemistry	66	165	231	11	
Phy 412.....Physiology	33	66	99	5	
Mil 411, 412, 413.....Military	33	.....	33	3	
	341	858	1,199	57	
Second Year					
Bac 414.....Bacteriology	22	66	88	4	
Pth 511, 612.....Pathology	66	198	264	12	
Phc 511, 512.....Pharmacology	110	66	176	12	
Phy 411, 413.....Physiology	66	132	198	10	
Med 611.....Medicine (Recitations)	22	.....	22	2	
Med 612, 613, 614.....Medicine (Phys. Diag.)	44	44	88	6	
Med 511.....Medicine (Lab. Diag.)	33	99	132	6	
Ps 611.....Neuropathology and Psychopathology	11	.....	11	1	
Sur 611.....Surgery	22	.....	22	2	
Mil 414, 515, 416.....Military	33	.....	33	3	
	429	561	44 1,034	58	
Third Year					
BACTERIOLOGY:					
Bac 511.....Principles of Public Health	33	.....	33	3	
PATHOLOGY:					
Pth 514.....Gynecological and Obstetrical Pathology	11	22	33	1½	
Pth 515.....Laboratory Neuropathology	.....	22	22	1	
MEDICINE:					
Med 615, 616.....Recitations	44	.....	44	2	
Med 653, 654, 655.....Physical Diagnosis	33	33	66	4½	
Med 617, 618, 619.....Clerkships	.....	66	66	6	
Med 620, 621, 622.....Medical Clinic	.....	66	66	6	
Med 623.....Gastroenterology	22	.....	22	1	
Neu 611, 612, 613.....Nervous Diseases Lecture	33	.....	33	1½	
Ps 613, 614.....Psychopathology	22	.....	22	1	
Der 611, 612, 613.....Dermatological Clinic	.....	33	33	1½	
Der 617, 618.....Histopathology	16	.....	16	¾	
DM 611.....Oral Hygiene and Oral Pathology	6	.....	6	¾	
RADIOLOGY:					
Rad 611, 612, 613.....Radiographic Diagnosis	33	.....	33	1½	
SURGERY:					
Sur 612, 613.....Recitation	44	.....	44	2	
Sur 615.....Physiotherapy	11	.....	11	½	
Sur 640, 641, 642.....Clerkships	.....	66	66	3	
Sur 643, 644, 645.....Surg. Clinics	.....	66	66	3	
Sur 646, 647, 648.....Clerkship Clinic	33	.....	33	1½	
Sur 649.....Operative Surgery	22	.....	22	1	
Sur 661, 662.....Anaesthesia	22	.....	22	1	
Orp 611.....Orthopaedics	22	.....	22	1	
Orp 612, 613.....Surgery of Extremities	.....	44	44	2	

	Aggregate hours			Term hours
	Lecture	Lab.	Clinic Total	
OPHTH., OTOL., RHIN., LARYN.:				
Eye 611.....Ophth. Lectures	11	.....	11	½
Ent 611.....O. R. and L. Lectures	11	.....	11	½
UROLOGY:				
Ur 611.....Lectures	11	.....	11	½
OBSTETRICS:				
Obs 611.....Intro. Lec. and Demon.	22	.....	22	1
Obs 612.....Lect. and Demon.	22	.....	22	1
Obs 613.....Path. Preg., Labor, and Puerp.	22	.....	22	1
Obs 614.....Five day's service in hospital	.....	11	11	½
Obs 615.....Manikin	22	.....	22	1
GYNCOLOGY:				
Gyn 611.....Lectures	22	.....	22	1
Gyn 612.....Lectures	22	.....	22	1
Gyn 613.....Clerkships	.....	33	33	1½
PEDIATRICS:				
Ped 611, 612, 613.....An. Ph. Hy. Inf. Ch. Clinic	22	.....	11 33	1½
Ped 614, 615, 616.....Dis. of Inf. and Ch.	33	.....	33	1½
Ped 617.....Clerkships	.....	22	22	1
Ped 618.....Physical Diagnosis	.....	11	11	½
	627	44	462 1,133	60½
Fourth Year				
PATHOLOGY:				
Pth 611.....Autopsy Clinic	.....	.....	22 22	1
Pth 612.....Clin. Path. Conf.	.....	.....	22 22	1
PHARMACOLOGY:				
Phc 513.....Toxicology	5	.....	5	¾
MEDICINE:				
Med 624, 625, 626.....Outpatient Clinic	.....	.....	132 132	6
Med 627, 628, 629.....Med. Clinic	.....	.....	33 33	1½
Med 630, 631.....Contagious Diseases	11	.....	6 17	1
Med 632, 633, 634.....General Clinic	.....	.....	33 33	1½
Med 635.....Tuberculosis Clinic	.....	.....	22 22	1
Med 659.....Medical Jurisprudence	11	.....	11	½
Med 659.....Electrocardiography	11	.....	11	½
Med 661.....Medical Economics	11	.....	11	½
Med 664.....Tuberculosis Clerkship	22	.....	22	1
Neu 614.....Nervous Dis. Clinic	.....	.....	11 11	½
Neu 615.....Nerv. and Mental Clinic	.....	.....	11 11	½
Ps 615.....Psychiatry Clerkship	.....	.....	22 22	1
Ps 619.....Psychoses	11	.....	11	½
Der 615.....Dermatology	.....	.....	33 33	1½
Der 616.....Derm. Syph. Clinic	.....	.....	44 44	2
SURGERY:				
Sur 617, 618.....Outpatient Clinic	.....	.....	66 66	3
Sur 620.....Conference	.....	.....	44 44	2
Sur 621.....Gen. Surg. Clinic	.....	.....	22 22	1
Sur 622.....Gen. Surg. Clinic	.....	.....	44 44	2
Sur 623, 624, 625.....Gen. Surg. Clinic	.....	.....	66 66	3
Sur 663.....Clerkship in Anaesthesia	.....	.....	11 11	½
OPHTH., OTOL., RHIN., LARYN.:				
Eye 612.....Ophth. Outpatient Clinic	.....	.....	33 33	1½
Eye 613.....Ophth. Lecture	11	.....	11	½
Ent 612.....O. R. and L. Outpatient Clinic	.....	.....	33 33	1½
Ent 613.....O. R. and L. Lecture	11	.....	11	½
UROLOGY:				
Ur 612, 613.....Clinic	.....	.....	22 22	1
Ur 614.....Outpatient Clinic	.....	.....	44 44	2

	Aggregate hours				Term hours
	Lec- ture	Lab.	Clin- ic	To- tal	
OBSTETRICS:					
Obs 616.....Clinic			22	22	1
Obs 617.....Outpatient Service (ten days' service in hospital and home deliveries)			33	33	1½
Obs 618.....Postnatal Clinic			5	5	½
Obs 619 620, 621.....General Clinic			33	33	1½
Obs 622.....Clerkships			11	11	½
GYNECOLOGY:					
Gyn 614.....Outpatient Clinic			22	22	1
Gyn 615.....Ward Walks and Clinic			11	11	½
PEDIATRICS:					
Ped 619.....Clinic			33	33	1½
Ped 622, 623, 624.....Dis. Inf. and Child.	33			33	1½
	137		946	1,083	49½

RECAPITULATION

	Aggregate hours				Term hours
	Lecture	Laboratory	Clinic	Total	
First Year	341	858	.....	1,199	57
Second Year	429	561	44	1,034	58
Third Year	627	44	462	1,133	60½
Fourth Year	137	.....	946	1,083	49½
	1,534	1,463	1,452	4,449	225½

PRESCRIBED WORK BY DEPARTMENTS

Preclinical	Aggregate of hours	
Anatomy	704	
Bacteriology and Hygiene	220	
Biochemistry	231	
Physiology	297	
Pharmacology	176	
Pathology	264	
Military Science	56	
Total hours, preclinical		1,958
Clinical		
Pathology	99	
Pharmacology	5	
Medicine:		
General Medicine (including Preventive Medicine)	809	
Nervous and Mental Diseases	55	
Psychiatry	66	
Dermatology and Syphilology	126	
Radiology	33	
Medical Jurisprudence	11	
Medical Economics	11	
Dental Medicine	6	
Surgery:		
General Surgery	539	
Orthopaedics	66	
Ophthalmology	55	
Otology, Rhinology, Laryngology	55	
Urology	77	
Gynecology	110	
Obstetrics	203	
Pediatrics	165	
Total hours, clinical		2,491
Total hours prescribed work		4,449

Course-Numbering System

MEDICAL School courses are numbered in accordance with the uniform course-numbering system of the Oregon State System of Higher Education. This numbering system, as it applies to the Medical School courses, is as follows:

400-499. Upper-division courses primarily for first-year students in medicine, but to which graduate students may be admitted on approval of the graduate adviser and department head concerned.

500-599. Courses primarily for students in basic medical science, but to which graduate students may be admitted on approval of graduate adviser and department head concerned.

600-699. Courses that are highly professional in nature and may count toward a professional degree, but cannot apply toward an advanced academic degree (M.A., M.S., or Ph.D.).

Certain numbers are reserved for courses that may be taken through successive terms under the same course number, credit being granted according to the amount of acceptable work done. These course numbers are as follows:

501. Research.
503. Thesis.

505. Reading and Conference.
507. Seminar.

Basic-Science Departments

ANATOMY

REQUIRED COURSES

FIRST YEAR

An 411, 412, 413. **Gross Anatomy.** 6 hours fall, 8 hours winter, 4 hours spring.

Lectures and quizzes, 3 hours; laboratory, 9 hours; 396 hours. Drs. Larsell and Dow, and assistants.

An 414. **Histology and Organology.** 6 hours fall.

Lectures and quizzes, 3 hours; laboratory, 9 hours; 132 hours. Dr. Larsell and assistants.

An 415. **Embryology.** 4 hours winter.

Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.

An 511. **Neurology and Organs of Special Senses.** 4 hours spring.

Prerequisites: An 411-415. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.

ELECTIVE COURSES

An 416. **Microscopic Technique.** 2 hours winter.

Limited to twelve students. Registration only after consultation with instructor. Laboratory, 6 hours; 66 hours. Dr. Larsell.

An 501. **Research.** Any term, hours to be arranged.

Research is open to qualified students in any branch of anatomy upon approval of the instructors. Drs. Allen and Larsell.

- An 505. **Reading and Conferences.** Any term, hours to be arranged.
Drs. Allen and Larsell.
- An 507. **Seminar and Journal Club.** Any term, hours to be arranged.
Anatomical staff and advanced students. Dr. Allen.
- An 512. **Advanced Histology.** Winter, hours to be arranged.
Prerequisites: An 414, 415. Laboratory, 6 hours or less. Limited to twenty students. Dr. Larsell.
- An 513. **Topographical Anatomy.** 1 or 2 hours spring.
Prerequisites: An 411, 412, 413. Limited to fifteen students. Laboratory, 3 or 6 hours; 33 or 66 hours. Dr. Allen and assistant.
- An 514. **Special Dissections.** Term and hours to be arranged.
Registration limited by available material. Prerequisites: An 411, 412, 413.
- An 516. **Mechanism of the Central Nervous System Studied from Lesions.**
Fall, hours to be arranged.
Prerequisite: An 511. Laboratory, 3 to 6 hours. Limited to eight students. Dr. Allen.
- An 517. **Comparative Neurology.** Winter or spring, hours to be arranged.
Lectures, conferences, and laboratory. Dr. Larsell.
- An 611. **Applied Anatomy.** 2 hours spring.
Prerequisites: An 411, 412, 413. Lecture and demonstration, 1 hour; 22 hours. Limited to fifteen students. Drs. Seabrook and Gius.

BACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

REQUIRED COURSES

FIRST YEAR

- Bac 413. **Medical Bacteriology and Immunology.** 6 hours spring.
Lectures and recitations, 3 hours; laboratory, 9 hours; 132 hours. Drs. Sears and Levin, and Mr. Sullivan.

SECOND YEAR

- Bac 414. **Medical Bacteriology and Immunology.** 4 hours fall.
Lectures and recitations, 2 hours; laboratory, 6 hours; 88 hours. Drs. Sears and Levin, and Mr. Sullivan.

THIRD YEAR

- Bac 511. **Principles of Public Health.** 3 hours winter.
The general principles of public health activities. Control of communicable diseases. Organization of Federal, state, local, and other health agencies. Elements of infant, school, and industrial hygiene, and vital statistics. Lectures, recitations, and discussions, 3 hours; 33 hours. Drs. Weinzirl and Stricker.

ELECTIVE COURSES

- Bac 501. **Research in Bacteriology and Immunity.** Hours to be arranged.
Dr. Sears.
- Bac 505. **Reading and Conferences.** Any term, hours to be arranged.
Dr. Sears.

- Bac 507. **Seminar in Bacteriology and Immunity.** 1 hour each term, any term.
Meetings of the departmental staff and assistants with a number of specially qualified students to discuss the newer developments in the science as they appear in the current periodical literature. Topics are assigned and individual reports read at meetings of the class. Open to a limited number of students. Meetings held once each week for one hour. Dr. Sears.
- Bac 508. **Advanced Bacteriology and Immunology.** Any term, hours to be arranged.
A course for medical, special, and graduate students who wish to pursue any phase of the subject beyond Bac 414. Dr. Sears.

BIOCHEMISTRY

REQUIRED COURSES

FIRST YEAR

- BCh 411, 412. **Biochemistry.** 11 hours (total), fall and winter.
Three lectures and 6 hours laboratory; 3 lectures and 9 hours laboratory; 231 hours. Drs. West and Todd, and assistants.

ELECTIVE COURSES

- BCh 501. **Biochemistry Research.** Any term, hours to be arranged.
Drs. West and Todd.
- BCh 505. **Reading and Conferences.** Any term, hours to be arranged.
Dr. West.
- BCh 507. **Seminar.** Any term, hours to be arranged.
- BCh 512. **Advanced Biochemistry.** Spring, hours to be arranged.
The work will consist of biochemical preparations, selected methods of analysis, assigned readings and conferences. Prerequisites: BCh 411 and 412. Dr. West.
- Laboratory Diagnosis.* Required for second-year students; see Med 511.

PATHOLOGY

REQUIRED COURSES

SECOND YEAR

- Pth 511. **General Pathology.** 6 hours fall.
Study of prepared slides supplemented by experiments; fresh and museum specimens. Lectures and recitations, 3 hours; laboratory, 9 hours; 132 hours. Dr. Menne and assistants.
- Pth 512. **General Pathology.** 6 hours fall.
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Dr. Hunter and assistants.

THIRD YEAR

- Pth 514. **Gynecological and Obstetrical Pathology.** 1½ hours fall.
Lectures, 1 hour; laboratory, 2 hours; 33 hours. Drs. Menne, Hunter, Wilson, and assistants.

Pth 515. Laboratory Neuropathology. 1 hour fall.

Continuation of Ps 611; consists of laboratory work and demonstrations dealing with inflammatory reactions and degenerative conditions, with emphasis on general paresis, tabes dorsalis, and brain tumors. Gross pathological specimens and demonstrations are used in illustrating the diseases studied. One two-hour period for 22 hours. Drs. Dixon, Hutchens, Raaf, Larson, and assistants.

FOURTH YEAR

Pth 611. Autopsy Clinic. 1 hour spring.

Studies of autopsies, including presentation of clinical history. Two hours; 22 hours. Drs. Hunter and Gatewood.

Pth 612. Clinical Pathological Conference. 1 hour each term.

Multnomah County Hospital. Two hours throughout the year in sections; 22 hours. The staffs of the departments of Pathology, Medicine, Surgery, and Obstetrics and Gynecology.

Medical Jurisprudence. Required for fourth-year students; see Med 651.

ELECTIVE COURSES

Pth 501. Research. Any term, hours to be arranged.

Open to specially qualified students. Dr. Menne or Dr. Hunter.

Pth 505. Reading and Conferences. Any term, hours to be arranged.

Dr. Menne.

Pth 516. Advanced Systemic Pathology. Any term, hours to be arranged.

Study of the detached pathology of one system. Dr. Menne or Dr. Hunter.

Pth 517. Advanced Pathological Histology. Any term, hours to be arranged.

Systematic study of microscope sections of autopsy tissues. Open to students who have had at least one term's work in pathology. Dr. Menne.

Pth 518. Special Pathology of Heart and Circulation. Spring, hours to be arranged.

Dr. Hunter.

Pth 614. Attendance at Autopsies. Any term, hours to be arranged.

Opportunity is offered to students each term to elect autopsy attendance with instruction. Such students are required to assist and to make detailed suggestions. Limited to twenty students. Drs. Hunter and Menne, and assistants.

PHARMACOLOGY

REQUIRED COURSES

SECOND YEAR

Phc 511. Systematic Pharmacology and Prescription Writing. 6 hours winter.

Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. David and Dickinson.

Phc 512. Systematic Pharmacology and Pharmacodynamics. 6 hours spring.

Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. David and Dickinson.

FOURTH YEAR

Applied Pharmacology. Given in conjunction with Med 624, 625, 626.

Phc 513. Toxicology. ¼ hour spring.

Lectures and quizzes, 1 hour for 5 weeks; 5 hours. Drs. David and Beeman.

ELECTIVE COURSES

Phc 501. Research. Any term, hours to be arranged.

Students who are properly qualified and who can devote an adequate amount of time to the work are encouraged to pursue original investigation of pharmacological problems. Dr. David.

Phc 505. Reading and Conferences. Any term, hours to be arranged.

Dr. David.

Phc 507. Seminar. 2 hours spring.

Open to third- and fourth-year students; 2 hours; 22 hours. Dr. David.

Phc 514. Toxicological Analysis. 2 hours spring.

(Second year.) Lectures and quizzes, 1 hour; laboratory, 3 hours; 44 hours. Limited to sixteen students. Drs. David and Beeman.

PHYSIOLOGY

REQUIRED COURSES

FIRST YEAR

Phy 412. Digestion, Metabolism, Absorption, Secretion, Excretion, Muscle, and Heat. 5 hours fall.

Prerequisite: Phy 411. Lectures and recitations, 3 hours; laboratory, 5 hours; 99 hours. Drs. Haney, Youmans, and Pynn, and assistants.

SECOND YEAR

Phy 411. Blood, Circulation, and Respiration. 5 hours spring.

Prerequisites: BCh 411, 412. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, and Pynn, and assistants.

Phy 413. Nervous System and Senses. 5 hours winter.

Prerequisites: An 411, 412, 413. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, and Pynn, and assistants.

ELECTIVE COURSES

Phy 414. History of Physiology. 1 hour winter.

One hour a week. Limited to ten students. Dr. Haney.

Phy 501. Research. Any term, hours to be arranged.

Drs. Haney and Youmans.

Phy 505. Reading and Conferences. Any term, hours to be arranged.

Drs. Haney and Youmans.

Phy 507. Seminar. Any term, hours to be arranged.

Phy 511. **Physiology of the Glands of Internal Secretion.** 2 hours spring.
Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Limited to eight students. Dr. Haney.

Phy 512. **Studies in Metabolism.** 2 hours fall.
Designed to correlate food utilization, endocrine function, and energy and heat production in both normal and abnormal states. The laboratory period is devoted to instruction in and application of the principles of calorimetry. Limited to eight students. Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Dr. Youmans.

MILITARY SCIENCE AND TACTICS

The Army Reorganization Act of June 4, 1920 provided for the establishment of units of the Reserve Officers' Training Corps in selected medical schools. An R.O.T.C. unit was established at the University of Oregon Medical School in 1920.

The courses offered are correlated with other courses taught in the Medical School. The organization, administration, and functions of the army in war and peace are studied. Particular stress is laid on the place of the medical department in the military organization.

Instruction is given by lectures, demonstrations, and quizzes. No drill is required; uniforms are not worn during the school year. Students in the Advanced Course (third and fourth years) are paid a commutation of subsistence amounting to approximately \$200.

REQUIRED COURSES

Mil 411, 412, 413. **Basic Course (First Year).** 1 hour each term.
Mil 414, 415, 416. **Basic Course (Second Year).** 1 hour each term.

Military organization, history of military medicine, theoretical schools of the soldier and company, first aid, organization and administration of the medical department, map reading, tactics, and the use of medical units in peace and war. Lieutenant Colonel Krafft.

ELECTIVE COURSES

Mil 417, 418, 419. **Advanced Course (Third Year).** 1 hour each term.
Mil 420, 421, 422. **Advanced Course (Fourth Year).** 1 hour each term.

Students who complete the work of the Advanced Course will be eligible on graduation for a commission of the Officers' Reserve Corps. Work during the school year covers: hygiene, sanitation, control of communicable diseases, history and development of hospitals, hospitalization, school of the officer, medical and surgical diseases peculiar to war, aviation medicine, and allied subjects. A summer camp of six weeks at Fort Lewis, Washington is part of the course. It may be taken after the second or after the third year. The student at the summer camp receives 75 cents per day, transportation to and from camp, rations, shelter, and medical treatment. The student company at camp functions as the medical detachment of a regiment, collecting company, ambulance company, and hospital company. Instruction is principally by demonstrations and practical exercises. Afternoons are devoted to athletics, equitation, and recreation. Several recreational trips are taken each summer, including one to Mount Rainier. Lieutenant Colonel Krafft.

Clinical Departments

MEDICINE

INTERNAL MEDICINE

REQUIRED COURSES

SECOND YEAR

- Med 511. **Laboratory Diagnosis.** 6 hours spring.
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Drs. Osgood and West, and assistants.
- Med 611. **Introduction to Principles of Medicine.** 2 hours spring.
Recitations based on a standard textbook, 2 hours; 22 hours. Drs. Burns, Moore, and Meienberg.
- Med 612, 613, 614. **Physical Diagnosis.** 1½ hours fall and winter, 3 hours spring.
Lectures, 44 hours (total); demonstration, 44 hours (total); 88 hours. Drs. Lewis, Osgood, Keane, and Forster.

THIRD YEAR

- Med 615, 616. **Medicine Recitations.** 2 hours each term, fall and winter.
Two hours; 44 hours. Drs. Burns, Moore, and Meienberg.
- Med 617, 618, 619. **Clinical Clerkship.** 2 hours each term.
Sections of the third-year class are assigned to the medical service of the Multnomah County Hospital throughout the year; 66 hours. Drs. Osgood, Lewis, Forster, and Keane.
- Med 620, 621, 622. **Medical Clinic.** 2 hours each term.
Multnomah County Hospital. Two hours throughout the year, in sections; 66 hours. Drs. Abrams, Brill, Gatewood, Mount, Riddle, and Rosenfeld.

- Med 623. **Gastroenterology.** 1 hour spring.
Lecture and conference course, 2 hours; 22 hours. Dr. Fitzgibbon.
- Med 653, 654, 655. **Physical Diagnosis.** 1½ hours each term.
Application of fundamentals taught in the beginning course in Physical Diagnosis, and various characteristics in disease processes. Lectures, 1 hour a week; demonstrations, 1 hour a week through the year; 66 hours. Dr. Lewis.

FOURTH YEAR

- Med 624, 625, 626. **Dispensary.** 2 hours each term.
Four hours throughout the fourth year; 132 hours. Drs. Abrams, Berger, Burns, Coffen, David, Davis, Dietrich, Evans, Forster, Haney, Kennedy, Krafft, Littlehales, Mathews, Manville, McCutchan, Miller, Nelson, Riddle, Speros, Thayer, Underwood, and Vidgoff.
- Med 627, 628, 629. **Medical Clinic.** ½ hour each term.
Tuberculosis Hospital. Diseases of the chest. One hour throughout the year; 33 hours. Drs. Matson, Speros, and Conant.

- Med 630. Contagious Diseases.** ½ hour fall.
Lectures, 1 hour during fall term. 11 hours. Dr. Averill.
- Med 631. Contagious Diseases: Outpatient Service.** ½ hour.
Students are assigned throughout the year to accompany the city health physician to home and hospital cases of contagious diseases; 6 hours. Dr. Averill.
- Med 632, 633, 634. General Medical Clinic.** ½ hour each term.
Multnomah County Hospital. One hour a week throughout the year; 33 hours. Dr. Sears.
- Med 635. Tuberculosis Clinic.** 1 hour, one section each term.
Outpatient Clinic. Four hours a week for 5½ weeks, throughout the year, in sections; 22 hours. Drs. Goodman and Speros.
- Med 651. Medical Jurisprudence.** ½ hour spring.
Eleven hours. Drs. Menne, Hunter, and Beeman, and the district attorney of Multnomah County.
- Med 659. Electrocardiography.** ½ hour fall.
Lectures on electrocardiography; 11 hours. Drs. Rush and Haney.
- Med 661. Medical Economics.** ½ hour spring.
Lectures on medical economics; 11 hours. Dr. Kiehle and Mr. Couch.
- Med 664. Tuberculosis Clerkship.** 1 hour, one section each term.
Tuberculosis Hospital. Two hours a week for 5½ weeks, throughout the year, in sections; 22 hours. Drs. Conant and Conklin.

ELECTIVE COURSES

- Med 601. Résearch.** Any term, hours to be arranged.
- Med 636. Diseases of Metabolism and Ductless Glands.** 1 hour any term.
Lecture and conference course; 2 hours; 22 hours. Limited to sixteen students. Drs. B. Holcomb and R. Holcomb.
- Med 637. Diseases of the Kidney.** 1 hour winter.
Lectures and conferences; 2 hours; 22 hours. Limited to twenty students. Dr. Millett.
- Med 638. Diseases of the Circulation.** ½ hour fall.
Lectures and conference course; 11 hours. Dr. Jones.
- Med 639. Applied Therapeutics.** ½ hour fall.
(Fourth year.) Lectures and recitations; 11 hours. Dr. Wilson.
- Med 640. Endocrinology.** ½ hour any term.
One hour; 11 hours. Dr. Rush.
- Med 643. Minor-Ailments Clinic.** ½ hour fall.
(Fourth year.) Eleven hours. Dr. Goldsmith.
- Med 644. Differential-Diagnosis Clinic.** ½ hour winter.
(Third year.) Eleven hours. Dr. Goldsmith.

- Med 645. Cardiac Clinic.** 1 hour any term.
(Fourth year.) Outpatient Clinic. Two hours a week for one term; 22 hours. Limited to eight students. Drs. Goldsmith and Davis.
- Med 647. Diseases of Blood and Blood-Forming Organs.** ½ hour spring.
(Third year.) Lecture; 11 hours. Dr. Riddle.
- Med 649. Tuberculosis Control Clinic for Children.** ½ hour any term.
(Fourth year.) Eleven hours. Limited to four students. Dr. Speros.
- Med 650. Diseases of Circulation—Bedside.** ½ hour winter.
(Fourth year.) Eleven hours. Limited to eight students. Dr. Jones.
- Med 658. Allergic Diseases.** ½ hour any term.
(Fourth year.) Lecture; 11 hours. Dr. Benson.
- Med 660. Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.
- Med 663. Diseases of the Heart.** ½ hour winter.
(Fourth year.) Lectures and demonstrations covering the more important, common clinical types of cardio-vascular diseases, with emphasis upon treatment. 11 hours. Dr. Brill.

NEUROLOGY

REQUIRED COURSES

THIRD YEAR

- Neu 611, 612, 613. Lectures on Nervous Diseases.** ½ hour each term.
One hour throughout the year; 33 hours. Dr. Selling.

FOURTH YEAR

- Neu 614. Clinic at Outpatient Clinic.** ½ hour, one section each term.
One hour a week for 11 weeks; 11 hours. Dr. Margason.
- Neu 615. Clinic.** ½ hour, one section each term.
Sections of the fourth-year class are assigned to the neurological service of the Multnomah County Hospital. Throughout the year, in sections; 11 hours. Dr. Selling.

PSYCHIATRY

REQUIRED COURSES

SECOND YEAR

- Ps 611. Lectures: Neuropathology and Psychopathology.** 1 hour winter.
A series of lectures covering: (1) organic diseases of the central nervous system; and (2) the fundamentals of psychopathology, including anxiety, mental depression, obsessions, compulsions, pathological sleep, false beliefs, sensory imaginations, pathological sex, pathological memory, etc.; 11 hours. Dr. Dixon.

THIRD YEAR

Laboratory Neuropathology. (See Pth 515.)

Ps 613, 614. **General Psychiatric Lectures.** ½ hour each term, winter and spring.

Lectures. Psychopathology and symptoms of various mental reaction types and behavior disorders of children. One hour a week for two terms for entire class; 22 hours. Dr. Dixon.

FOURTH YEAR

Ps 615. **Clinic and Clerkship.** 1 hour, one section each term.
Case demonstration and treatment in clinic. Two hours; 22 hours. Drs. Dixon and Hutchens.

Ps 619. **Psychoses.** ½ hour fall.

Lectures and demonstrations of various psychoses from the viewpoint of mental mechanism, etiology, symptomatology, diagnosis, and treatment; 11 hours. Drs. Dixon, Haskins, and Evans.

ELECTIVE COURSE

Ps 618. **Demonstration Course in Prepsychotic Cases.** 1 hour, any term.
(Fourth year.) One hour a week for one term; 11 hours. Limited to eight students. Drs. Dixon and Hutchens.

NUTRITION

ELECTIVE COURSE

THIRD YEAR

Med 662. **Diet and Nutrition.** 2 hours, winter.

A course in dietary requirements in health and disease, with special emphasis given to indications and contraindications of particular food factors. Emphasis on methods of diet calculation and dietary prescription writing. Lectures, 2 hours; 22 hours. Dr. Manville.

DERMATOLOGY AND SYPHILOLOGY

REQUIRED COURSES

THIRD YEAR

Der 611, 612, 613. **Dermatological Clinic.** ½ hour each term.
One hour each week devoted to presentation of clinical cases, with detailed discussion of etiology, symptomatology, and differential diagnosis. One and one-half hours; 33 hours. Dr. Kingery.

Der 617, 618. **Histopathology.** ½ hour fall, ¼ hour winter.
(1) Lectures and lantern-slide demonstrations covering histopathology of (a) normal skin, (b) inflammatory diseases, (c) the granulomata, (d) the benign and malignant new growths. (2) Lectures and lantern-slide demonstrations; course devoted entirely to various phases of clinical syphilis; 16 hours. Drs. Kingery and Illge.

FOURTH YEAR

Der 615. **Clinical Lecture and Conference Course.** 1½ hours, one section each term.

Utilization of outpatient material; clinical and microscopic diagnostic procedures; general therapy. Three hours a week for each section for one term; 1½ hours; 33 hours. Drs. Kingery, Labadie, Saunders, Ray, and Illge.

Der 616. **Syphilis Outpatient Clinic.** 2 hours, one section each term.

Two hours a day, four times for 5½ weeks; 44 hours. Drs. Illge, Johnson, and Saunders.

DENTAL MEDICINE

REQUIRED COURSE

THIRD YEAR

DM 611. **Oral Hygiene and Oral Pathology.** ¼ hour spring.

Six lectures. Dr. Chance.

RADIOLOGY

REQUIRED COURSE

THIRD YEAR

Rad 611, 612, 613. **Radiographic Diagnosis.** ½ hour each term.

Lectures and quizzes. Consideration of the interpretation of pathology as depicted on the radiograph and the fluorescent screen; the medical, surgical, and dental application of roentgenology in diagnosis; the uses, the limitations, and the dangers; 33 hours. Drs. Palmer, Rees, and Woolley.

ELECTIVE COURSE

Rad 614. **Radiographic Technic.** ½ hour any term.

(Third year.) Lectures of a practical nature; the principles of radiography, and actual demonstration of technic; 11 hours. Limited to twenty students. Mr. Johnson.

SURGERY

GENERAL SURGERY

REQUIRED COURSES

SECOND YEAR

Sur 611. **Recitation.** 2 hours spring.

Recitations, 2 hours; 22 hours. Drs. Stratford, Howard, and Rosenblatt.

THIRD YEAR

Sur 612, 613. **Recitation.** 1 hour each term, fall and winter.

Recitations, 2 hours; 44 hours. Drs. Howard, Stratford, and Rosenblatt.

Sur 615. **Physiotherapy.** ½ hour winter.

Lectures and demonstrations; 11 hours. Dr. Jones.

Sur 640, 641, 642. **Clinical Clerkship.** 1 hour each term.

Multnomah County Hospital. Throughout the year; 66 hours. Drs. Seabrook and Moore.

- Sur 643, 644, 645. **Surgical Clinic.** 1 hour each term.
Multnomah County Hospital; 2 hours throughout the year, in sections, in connection with clerkships; 66 hours. Drs. Blair, Hand, Kelsey, Martzloff, Raaf, and Rippey.
- Sur 646, 647, 648. **Clerkship Clinic.** ½ hour each term.
Conference course, covering surgical clerkship and assignments. Throughout the year, 33 hours. Drs. Seabrook and Moore.
- Sur 649. **Operative Surgery.** 1 hour, one section each term.
Operative work upon animals; 2 hours a week throughout the year in sections; 22 hours. Dr. Diack.
- Surgical Pathology.* (See Pth 513.)

FOURTH YEAR

- Sur 617, 618. **Outpatient Clinic.** 3 hours (total), 1½ terms.
Two hours twice a week for one term, and 2 hours twice a week for 5½ weeks; 66 hours. Drs. Adams, Caniparoli, Chauncey, Diack, Gius, Howard, Johnsrud, Packard, Pease, Robinson, Roberts, Shiomi, Swinney, Thomas, and Trommald.
- Sur 620. **Surgical Conference.** 2 hours, one section each term.
Four hours a week throughout the year in sections; 44 hours. Drs. Dodson, Gambee, Howard, and Roberts.
- Sur 621. **General Surgical Clinic.** 1 hour, one section each term.
Two hours a week throughout the year, in sections; 22 hours. Dr. Rockey.
- Sur 622. **General Surgical Clinic.** 2 hours, one section each term.
Four hours a week throughout the year, in sections; 44 hours. Drs. Holden and St. Pierre.
- Sur 623, 624, 625. **General Surgical Clinic.** 1 hour each term.
Multnomah County Hospital. Two hours a week throughout the year; 66 hours. Dr. Joyce.

ELECTIVE COURSES

- Sur 601. **Research.** Any term, hours to be arranged.
- Sur 627. **Proctology Lectures.** ½ hour spring.
(Third year.) Prerequisite to Sur 628; 11 hours. Drs. Brooke and Black.
- Sur 628. **Proctology.** ½ hour any term.
(Fourth year.) A clinic of diseases of rectum and colon. Prerequisite: Sur 627. Eleven hours. Limited to four students. Drs. Bollam, Laird, Smalley, and South.
- Sur 630. **Surgical Lesions of the Gastro-Intestinal Tract.** ½ hour spring.
(Third year.) Lecture and demonstration course on diagnosis, pathology, and treatment; 11 hours.
- Sur 631. **Surgery of the Visceral Nervous System.** ½ hour winter.
(Third year.) Lectures and demonstrations; 11 hours. Dr. Livingston.
- Sur 633. **Pain: Its Relation to Diagnosis.** ½ hour winter.
(Third year.) Eleven hours. Dr. Livingston.

- Sur 634. **Minor Surgery.** ½ hour spring.
(Third year.) Lectures and demonstrations; 11 hours. Dr. Blosser.
- Sur 635. **Differential and Regional Neurosurgical Diagnosis and Therapeutics.** ½ hour winter.
(Fourth year.) Lectures and demonstrations; 11 hours. Limited to twelve students. Dr. Raaf.
- Sur 636. **Acute Abdominal Lesions.** ½ hour spring.
(Fourth year.) Lectures; 11 hours. Dr. Gambee.
- Sur 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

ORTHOPAEDIC SURGERY

REQUIRED COURSES

THIRD YEAR

- Orp 611. **Orthopaedic Surgery.** 1 hour fall.
Lectures, 2 hours a week; 22 hours. Dr. Carlson.
- Orp 612, 613. **Surgery of the Extremities.** 1 hour each term, winter and spring.
Systematic lectures and demonstrations dealing chiefly with fractures and other traumatic disorders of the extremities. The upper extremity is covered in one term, the lower in the other. Lectures and clinics; 2 hours; 44 hours. Drs. Akin and Dillehunt.

ELECTIVE COURSES

- Orp 614. **Orthopaedic Clinic.** 1 hour any term.
(Fourth year.) Outpatient Clinic, 2 hours; 22 hours. Limited to eight students. Drs. Blair, Carlson, Lucas, McKelvey, and Chuinard.
- Orp 615. **Orthopaedic Ward Walk.** 1 hour any term.
(Fourth year.) Shriners' Hospital for Crippled Children. General ward rounds upon patients in the hospital, with discussion of the cases and methods of orthopaedic treatment in deformities of children; 2 hours; 22 hours. Limited to twenty students. Dr. Dillehunt.

OPHTHALMOLOGY

REQUIRED COURSES

THIRD YEAR

- Eye 611. **Eye.** ½ hour fall.
Lectures, recitations, and daily quizzes, 1 hour; 11 hours. Dr. Dykman.

FOURTH YEAR

- Eye 612. **Eye Outpatient Clinic.** 1½ hours, one section each term.
Six hours a week for 5½ weeks throughout the year, in sections; 33 hours. Drs. Beattie, Bozorth, Browning, Dunnavan, Dykman, Gaston, Hendershott, Henton, Kiehle, Steiner, Taylor, and Underwood.

Eye 613. **Eye.** ½ hour spring.

Lectures, demonstrations, quizzes at each lecture and operative clinic; 11 hours. Dr. Kiehle.

ELECTIVE COURSES

Eye 614. **Principles and Practice of Refraction.** ½ hour winter.

(Fourth year.) Lectures and case work, designed to instruct students in testing for glasses and in the use of the ophthalmoscope; 11 hours. Limited to eight students. Dr. Taylor.

Eye 615. **Advanced Ophthalmology.** ½ hour fall.

(Fourth year.) Injuries and diseases; 11 hours. Limited to four students. Dr. Dykman.

Eye 616. **Ophthalmoscopic Clinic.** ½ hour any term.

(Fourth year.) Multnomah County Hospital; 11 hours. Limited to eight students. Drs. Johnston and Henton.

Eye 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.

(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

REQUIRED COURSES

THIRD YEAR

Ent 611. **Ear, Nose, and Throat.** ½ hour fall.

Lectures, recitations, and daily quizzes; 11 hours. Dr. Lupton.

Ent 612. **Ear, Nose, and Throat Outpatient Clinic.** 1½ hours, one section each term.

Practical instruction in examination and treatment of cases; 6 hours, 5½ weeks; 33 hours. Drs. Adix, Bailey, Beattie, Bolton, Boyden, Bozorth, Bouvy, Carruth, Chamberlain, Davis, Fenton, Flynn, Jones, Jordan, Kistner, Kuhn, Lucas, Neely, Saunders, Simons, and Steiner.

Ent 613. **Ear, Nose, and Throat.** ½ hour winter.

Lectures, demonstrations, quizzes at each lecture and operative clinic; 11 hours. Drs. Davis, Fenton, Kistner, and Kuhn.

ELECTIVE COURSES

Ent 614. **Advanced Otology.** ½ hour spring.

(Fourth year.) Eleven hours. Limited to six students. Dr. Davis, Dr. Fenton, or Dr. Kistner.

Ent 615. **Advanced Rhinology.** ½ hour fall.

(Fourth year.) One hour a week; 11 hours. Limited to four students. Dr. Chamberlain, Dr. Davis, or Dr. Fenton.

Ent 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.

(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

UROLOGY

REQUIRED COURSES

THIRD YEAR

Ur 611. **Diseases Affecting the Genito-Urinary Tract.** ½ hour spring.
Lectures, 1 hour; 11 hours. Dr. Johnson.

FOURTH YEAR

Ur 612, 613. **Urological Clinic.** ½ hour each term, fall and winter.
Lectures and clinics; 1 hour; 22 hours. Drs. Strohm and Johnson.

Ur 614. **Outpatient Clinic.** 2 hours, one section each term.

Five and one-half weeks throughout the year, in sections; 8 hours; 44 hours. Drs. Blosser, Johnson, Nielsen, and Strohm.

ANAESTHESIOLOGY

REQUIRED COURSES

THIRD YEAR

Sur 661, 662. **Lectures on Anaesthesia.** ½ hour each term.

Lectures on anaesthetics, with demonstration and description of equipment employed; discussion of history, physiology, signs, and methods of anaesthesia; the various agents employed. Lectures, 2 hours; 22 hours. Dr. Hutton.

FOURTH YEAR

Sur 663. **Clerkship in Anaesthesia.** ½ hour, one section each term.

Observation of anaesthetic procedures in the operating room, and directed supervision in assisting to administer the various types of anaesthesia. Two hours a week for 5½ weeks; 11 hours. Drs. Hutton and Enos.

ELECTIVE COURSE

Sur 607. **Anaesthesia Seminar.** ½ hour.

(Third year.) Discussion of special methods, such as regional anaesthesia and diagnostic blocks; actual case histories from the standpoint of anaesthetic procedures; experimental reports and reading assignments. Limited to twelve students. One hour a week for one term; 11 hours. Dr. Hutton.

OBSTETRICS AND GYNECOLOGY

OBSTETRICS

REQUIRED COURSES

THIRD YEAR

Obs 611. **Introductory Obstetrics.** 1 hour fall.

Lectures, recitations, and demonstrations in obstetrics. The anatomy and physiology of the female pelvis and genitalis; diagnosis of pregnancy; the management of normal pregnancy; physiology of and clinical course in normal labor and puerperium; 1 hour, twice a week, in sections; 22 hours. Dr. Nelson.

- Obs 612. **Lecture and Demonstration Course in Obstetrics.** 1 hour winter.
Mechanism of normal and abnormal presentation; manikin demonstration; care of the newborn child. Obstetrical technic; forceps, version, pubiotomy, cesarean section, and embryotomy; 1 hour, twice a week, in sections; 22 hours. Dr. Schauffler.
- Obs 613. **Pathology of Pregnancy, Labor, and the Puerperium.** 1 hour spring.
Lecture and demonstration; 1 hour, twice a week, in sections; 22 hours. Dr. Blatchford.
- Obs 614. **Attendance at Deliveries.** ½ hour any term.
Multnomah County Hospital. Each student is required to be in attendance and observe deliveries for a period of five days in Multnomah Hospital; prerequisite: Obs 611; 11 hours. Drs. Scales and Neilson.
- Obs 615. **Manikin.** 1 hour, one section each term.
Lectures and demonstrations; 2 hours a week for one term throughout the year, in sections; 22 hours. Dr. Frazier.

Obstetrical Pathology. (See Pth 514.)

FOURTH YEAR

- Obs 616. **Clinical Obstetrics.** 1 hour, one section each term.
Outpatient Clinic. Examination of pregnant women, pelvimetry, and instructions in prenatal and postpartem care. Five and one-half weeks; throughout the year, in sections; 22 hours. Drs. Adams, Blatchford, Dowsett, Fearl, McArthur, Neilson, Nelson, Scales, Schauffler, Stearns, and Wilson.
- Obs 617. **Outpatient Service.** 1½ hours any term.
Delivery of patients in the home and at Emanuel Hospital, and attendance upon mother and child after delivery. Each student is required to be in attendance at all deliveries in hospital and home during an assigned period of ten days; prerequisite: Obs 614; 33 hours. Arranged and checked by Drs. Watkins, Scales, and Neilson.
- Obs 618. **Postnatal Clinic.** ½ hour, one section each term.
Outpatient Clinic; 1 hour a week for 5 weeks; 5 hours. Drs. Frazier, McArthur, Stearns, Blatchford, Scales, Wilson, and Fearl.
- Obs 619, 620, 621. **General Clinic.** ½ hour each term.
Multnomah County Hospital; 1 hour each week throughout the year; 33 hours. Drs. Adams, Nelson, and Schauffler.
- Obs 622. **Clerkships.** ½ hour, one section each term.
Multnomah County Hospital; 2 hours a week for 5½ weeks; 11 hours. Drs. Blatchford, Fearl, and Stearns.

ELECTIVE COURSES

- Obs 601. **Research.** Any term, hours to be arranged.
- Obs 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

GYNECOLOGY

REQUIRED COURSES

THIRD YEAR

Gynecological Pathology. (See Pth 514.)

- Gyn 611. **Gynecology.** 1 hour winter.
Lectures, demonstrations, and recitations, 2 hours; 22 hours. Drs. Watkins and Stearns.
- Gyn 612. **Gynecology.** 1 hour spring.
Lectures and recitations, 2 hours; 22 hours. Drs. Watkins and Stearns.
- Gyn 613. **Clinical Clerkships.** 1½ hours, one section each term.
Multnomah County Hospital; sections; 33 hours. Drs. Neilson, Scales, and Blatchford.

FOURTH YEAR

- Gyn 614. **Practical Gynecology.** 1 hour, one section each term.
Outpatient Clinic throughout the year, in sections, 4 hours a week, 5½ weeks; 22 hours. Drs. Blatchford, Fearl, Frazier, Nelson, Scales, Seitz, Stearns, Watkins, and Wilson.
- Gyn 615. **Operative Clinic.** ½ hour, one section each term.
Multnomah County Hospital. One two-hour ward walk each week for 5½ weeks, throughout the year in sections; 11 hours. Drs. Adams, Stearns, and Watkins.

ELECTIVE COURSES

- Gyn 601. **Research.** Any term, hours to be arranged.
- Gyn 618. **Postoperative and Gynecological Endocrinology.** 1 hour any term.
(Fourth year.) Outpatient Clinic. Attendance at Outpatient Clinic one 2-hour period each week; 22 hours. Limited to eight students. Drs. Blatchford, Fearl, Scales, Schauffler, Watkins, Stearns, and Wilson.
- Gyn 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

PEDIATRICS

REQUIRED COURSES

THIRD YEAR

- Ped 611, 612, 613. **Anatomy, Physiology, Hygiene of Infancy and Childhood.** 1½ hours (total).
Lectures, clinics, and bedside instruction on diseases of the newly born and diseases of nutrition. Practical work in infant feeding, Kerr Nursery. Lectures, 22 hours; clinic, 11 hours; 33 hours. Dr. Smith.
- Ped 614, 615, 616. **Diseases of Infancy and Childhood.** ½ hour each term.
A comprehensive sequence in diseases of children. Recitations, lectures, and clinical demonstration. One amphitheater clinic each week throughout the

entire school year, with cases selected from the wards of the Doernbecher Hospital. This sequence is conducted by Dr. Bilderback. During the school year, Dr. Bridgeman supplements the general instruction with demonstrations of cases and lectures on congenital syphilis and diabetes; Dr. Rush with lectures and clinics on malformations and diseases of the heart; and Dr. Margason with clinics and lectures on neurological conditions particularly referable to children; 33 hours. Drs. Bilderback, Bridgeman, Rush, and Margason.

- Ped 617. **Clerkships.** 1 hour, one section each term.
Doernbecher Hospital. Throughout the year; in sections; 22 hours. Dr. Woolley.
- Ped 618. **Physical Diagnosis in Children.** ½ hour, one section each term.
Lectures, clinics, and demonstrations at the Waverly Baby Home and Doernbecher Hospital. Two hours a week for 5½ weeks, throughout the year, in sections; 11 hours. Dr. Bridgeman.

Psychopathology and Symptoms of Various Mental Reaction Types and Behavior Disorders of Children. (See Ps 613, 614.)

FOURTH YEAR

- Ped 619. **Outpatient Clinic.** 1½ hours, one section each term.
Five and one-half weeks; 6 hours a week, throughout the year in sections; 33 hours. Drs. Bridgeman, Goodnight, Lipschutz, Mercier, Rosenfeld, and Woolley.
- Ped 622, 623, 624. **Diseases of Infancy and Childhood.** ½ hour each term.
A comprehensive study of diseases of children. Recitations, lectures, and clinical demonstrations. One amphitheater clinic each week throughout the entire school year on cases selected from the wards of the Doernbecher Hospital; 33 hours. Dr. Bilderback.

ELECTIVE COURSES

- Ped 601. **Research.** Any term, hours to be arranged.
- Ped 620. **Infant Feedings Clinic.** 1 hour any term.
Outpatient Clinic; 22 hours. Limited to four students. Dr. Woolley.
- Ped 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the required Outpatient Clinic course.

Demonstration Course in Prepsychotic Cases. (See Ps 618.)

Department of Nursing Education

Faculty

- ELNORA E. THOMSON, R.N., Professor; Director of Department of Nursing Education.
- RUTH WHEELOCK, M.A., R.N., Associate Professor; Assistant Director of Department of Nursing Education.
- GRACE PHELPS, R.N., Associate Professor; Director of Nursing Service.
- JOHANNA EGGERS, M.A., R.N., Associate Professor of Nursing Education.
- HENRIETTA DOLTZ, M.A., R.N., Associate Professor of Nursing Education.
- ETHEL KATHERINE SEARS, B.S., R.N., Assistant Professor of Nursing Education.
- LUCILE HIGBY, B.A., R.N., Assistant Professor of Nursing Education.
- LUCILE PEROZZI, M.A., R.N., Assistant Professor of Nursing Education.
- MAISIE WETZEL, M.S., R.N., Assistant Professor of Nursing Education.
- EVELYN JORDAN CAMILLO, R.N., Instructor in Nursing Education.
- MONA CAMPBELL, B.S., R.N., Instructor in Nursing Education.
- EDNA B. CARL, B.S., Instructor in Nursing Education.
- MARGARET A. DARBY, R.N., Instructor in Nursing Education.
- MARGARET DEMKE, R.N., Instructor in Nursing Education.
- AMELIA FEARY, M.S., R.N., Instructor in Nursing Education; Director of Social Service.
- RALPH ALBERT FENTON, M.D., Professor of Otolaryngology, Rhinology, and Laryngology.
- BEATRICE V. FRED, M.A., R.N., Instructor in Nursing Education.
- AMY GAMACHE, R.N., Instructor in Nursing Education.
- MARGARET GRANBERG, R.N., Instructor in Nursing Education.
- ROBERTA GRISWOLD, R.N., Instructor in Nursing Education.
- ALFRED R. HEDRICK, A.M., Instructor in English.
- LETHA HUMPHREYS, R.N., Instructor in Orthopaedic Nursing; Superintendent, Shriners' Hospital.
- WENDELL H. HUTCHENS, M.D., Clinical Associate in Psychiatry.
- VERA IMHOFF, R.N., Instructor in Nursing Education.
- SALLY CRAIGHILL KERBY-MILLER, B.A., R.N., Instructor in Nursing Education.
- FREDERICK ANDREWS KIEHLE, M.D., Professor of Ophthalmology.
- ANNE ESTHER KOBIELSKI, B.S., R.N., Instructor in Nursing Education.
- LEO SHERMAN LUCAS, M.D., Assistant Clinical Professor of Orthopaedic Surgery.
- IRA A. MANVILLE, M.D., Ph.D., Associate Clinical Professor of Nutrition; Director of Nutritional Research Laboratory.
- ETHEL MEALEY, M.A., Director of Health Education, Bureau of Child Hygiene, Oregon State Board of Health.
- CLARA NYE MCPHERSON, R.N., Instructor in Nursing Education.
- NORRIS CLASS, M.S., Director in charge of Child Welfare Services, State Public Welfare Commission.
- GUHLI OLSON, B.S., R.N., Instructor in Nursing Education.
- MALVESON PARKER, B.S., R.N., Instructor in Nursing Education.
- AGNES PARRISH, R.N., Instructor in Nursing Education.
- FRANK PERLMAN, M.D., Clinical Instructor of Internal Medicine.
- WINFRED H. PERRY, R.N., Instructor in Nursing Education.

VERA H. PINKERTON, B.S., R.N., Instructor in Nursing Education.
 ALICE SCHARF, R.N., Instructor in Nursing Education.
 DEAN SEABROOK, M.D., Assistant Clinical Professor of Surgery.
 HARRY J. SEARS, Ph.D., Professor of Bacteriology, Hygiene, and Public Health.
 THOMAS L. MEADOR, M.D., Assistant Health Officer, Bureau of Health, City of Portland.
 LENDON HOWARD SMITH, M.D., Assistant Clinical Professor of Obstetrics and Gynecology.
 MARY E. STARKWEATHER, B.A., R.N., Instructor in Nursing Education.
 H. C. STEARNS, M.D., Assistant Clinical Professor of Obstetrics and Gynecology.
 J. GUY STROHM, M.D., Clinical Professor of Urology.
 MABELLE SULSER, B.S., R.N., Instructor in Nursing Education.
 CARLA M. WALTERS, R.N., Instructor in Nursing Education.
 RAYMOND E. WATKINS, M.D., Professor of Obstetrics and Gynecology.
 ADOLPH WEINZIRL, M.D., F.A.P.H.A., Clinical Professor of Bacteriology, Hygiene, and Public Health.
 EDWARD STAUNTON WEST, Ph.D., Professor of Biochemistry.

RICHARD LEONG, B.A., Student Assistant in Biochemistry.
 JOHN RICHARDSON, B.S., Student Assistant in Anatomy, Physiology, and Nutrition.
 ROBERT RINEHART, B.S., Student Assistant in Biochemistry.
 NICHOLAS SULLIVAN, M.S., Student Assistant in Bacteriology.
 BERNADINE CARRICO, Secretary.

Supervisors of Affiliated Field Work in Public Health Nursing

LUCILE PEROZZI, M.A., R.N., Director, Bureau of Nursing and Child Hygiene, State Board of Health.
 MARION G. CROWE, B.S., R.N., Superintendent, Portland Visiting Nurse Association.
 HELEN FISHER, R.N., Director, School Nursing, School Hygiene Division, Bureau of Health.

Executive Faculty of Department of Nursing Education

RICHARD B. DILLEHUNT, Dean of the Medical School; ELNORA E. THOMSON, Director of Department; GRACE PHELPS, Director of Nursing Service; RUTH WHEELOCK, Assistant Director of Department; HARRY JOHNSON SEARS, Professor of Bacteriology, Hygiene, and Public Health; RALPH ALBERT FENTON, Clinical Professor of Otolaryngology; IRA ALBERT MANVILLE, Director of Nutritional Research Laboratory; RAYMOND E. WATKINS, Clinical Professor of Obstetrics and Gynecology; D. W. E. BAIRD, Medical Director, Multnomah Hospital (ex officio); RALF COUCH, Secretary of the Medical School (ex officio).

STANDING COMMITTEES

Admissions and Academic Requirements—ELNORA THOMSON (chairman), OLOF LARSELL, IRA A. MANVILLE, GRACE PHELPS, LUCY PHILIPS.

Curriculum and Schedule—HARRY J. SEARS (chairman), EDWIN E. OSGOON, RAYMOND E. WATKINS, OLOF LARSELL, EDWARD S. WEST, ELNORA THOMSON, RUTH WHEELOCK, MAISIE V. WETZEL, EMMA JONES, LUCY D. PHILIPS, RALF COUCH (ex officio).

General Information

NURSING education at the Medical School is organized on a collegiate basis and leads to the Bachelor of Arts or Bachelor of Science degree. The curricula, coordinated with training in the University of Oregon Medical School hospitals and clinics, prepare the student for state registration.

ADMISSION

A student seeking admission to the Department of Nursing Education of the University of Oregon Medical School must: (1) file an application with the Department of Nursing Education on a form provided by the department; (2) send an official certificate of high-school record to the registrar of either the University of Oregon or Oregon State College (where the student takes the first two years of the nursing curricula). Before beginning clinical work in Portland, the student must: (3) secure the recommendation of the director of the Department of Nursing Education.

A student seeking admission to the graduate curricula in nursing must: (1) file an application with the Department of Nursing Education on a form provided by the department; (2) send to the registrar of the University of Oregon Medical School, Portland, an official certificate of her high-school record and an official transcript of her nursing-school record and any other academic credits. To be admitted to the graduate curricula, the student must be a graduate of an approved hospital school of nursing in a hospital having a daily patient average of not less than 100, and must have training in the four major fields: obstetrics, medicine, surgery, and pediatrics. A deficiency in one of these basic services may be made up through postgraduate work in an institution offering a curriculum approved by the Department of Nursing Education.

STUDENT LIVING

At the University of Oregon and Oregon State College, where nursing students take the first two years of the degree curricula, halls of residence are maintained by the institutions, and the living conditions of students residing outside the halls are closely supervised. During the years of clinical education on the Medical School campus in Portland, nursing students live in the Nurses Home on the campus. For the first term, students pay a nominal sum for board and room (see information leaflet). Students in the graduate nursing curricula secure their own living quarters (consult secretary of the Department of Nursing Education for information concerning desirable living quarters).

STUDENT HEALTH

Nursing students must have sound physical and mental health. Before being admitted to clinical work, students are required to take a health examination, including a tuberculin test. A satisfactory health record, on an official form furnished by the department, is required for admission to clinical work. Before ad-

mission to the clinical unit, all students must be inoculated against smallpox, typhoid fever, and diphtheria.

While studying at the University of Oregon or Oregon State College, students receive general medical attention and advice at the institutional Student Health Service. If the student requires hospitalization, she is entitled to free care at the Student Health Service not to exceed five days per term. For further information see institutional catalogs. While studying at the Medical School the nursing student receives advice and service from the faculty of the school. If she becomes ill while working in the Multnomah Hospital School of Nursing, a student is entitled to treatment in the infirmary for a limited period.

LOAN FUNDS

After she has completed the first term of clinical work on the Medical School campus, a nursing student may borrow a limited amount without interest from a special student loan fund. To secure such a loan, a student must secure the recommendation of the director of the Department of Nursing Education and of another member of the faculty of the department.

A loan fund of \$1,250, bequeathed by the late Mrs. Fannie Frank for the purpose of educating graduate nurses, is available to students in public health nursing. The fund is administered by the dean of the Medical 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.

FEES AND DEPOSITS

For students at University or State College:

Total tuition and fees, per term (resident)	\$34.00
Total tuition and fees, per term (nonresident)	\$74.00

For nursing students at Medical School:

Tuition per term hour	\$3.00 (maximum, \$45.00)
Nonresident fee, per term (in addition to tuition; paid by undergraduate students carrying 7 term hours of work or more who are not residents of Oregon)	\$20.00
*Matriculation Fee	\$ 5.00
Building fee, per term (for all students carrying 7 term hours or more)	\$ 5.00

Students who are not registered on or before the official registration day will be charged a fee of \$1.00 for late registration during the first week, after which time they will not be permitted to register except by special petition.

Students who do not pay their fees at the time of registration will be permitted to pay during the first week of school without penalty. Late payment must, however, be made in person at the Business Office of the Medical School. Those who pay after the first week of school will be assessed an accumulative penalty of 25 cents a day during the second week, after which time their registration is subject to cancellation.

* Students who have paid the matriculation fee at the University or the State College do not pay this fee. Students who have paid the \$2.00 matriculation fee at one of the Oregon state colleges of education pay a matriculation fee of \$3.00 on entering the Department of Nursing Education.

Degree Curriculum Nursing Education

NURSING affords many opportunities for a woman who is well prepared. The Department of Nursing Education offers a five-year curriculum which leads to the Bachelor of Science degree and to a certificate in a nursing specialty, and prepares for state examinations for nurse registration.

The student in this curriculum takes her first two years of work at the University of Oregon at Eugene or at Oregon State College at Corvallis. This is followed by three years in the Department of Nursing Education on the campus of the University of Oregon Medical School in Portland. The work in Portland is coordinated with clinical education in the Multnomah Hospital School of Nursing and in the Doernbecher Memorial Hospital for Children, both located on the Medical School campus. In the fifth or senior year of the curriculum, the student has an opportunity for education in a nursing specialty.

Students in nursing education receive their degrees from the University of Oregon, with the exception that students who take their first two years at Oregon State College receive their degrees from the latter institution.

FIVE-YEAR DEGREE CURRICULUM

Bachelor of Science and Certificate in Nursing Specialty

	Term hours			
	Summer	Fall	Winter	Spring
First Year—University or State College				
Chemistry	—	4	4	4
Zoology	—	3	3	3
English Composition (Eng 111, 112, 113)	—	3	3	3
English Literature	—	3	3	3
Backgrounds of Nursing (Nur 111, 112, 113)	—	2	2	2
Hygiene	—	1(2)	1(0)	1(0)
Physical Education	—	1(0)	1	1
	—	17	17(16)	17(16)

Second Year—University or State College*

Organic Chemistry	—	—(5)	4(5)	4(0)
Anatomy	—	3	3	3
Physiology	—	3	3	3
Modern Nursing Problems (Nur 211, 212, 213)	—	1	1	1
Psychology (Psy 204, 205, 206)	—	3	3	3
Physical Education	—	1	1	1
Elective	—	4(0)	—	—(5)
	—	15(16)	15(16)	15(16)

Third Year—Medical School

Anatomy and Physiology (BiS 311)	3	3	—	—
Physiology of Disease (Nur 229)	—	—	—	3
Elementary Materia Medica (Ch 228)	3	—	6	—
Bacteriology (Bac 328, 329)	—	—	—	—
Elementary Nursing Procedures (Nur 131, 132, 133)	3	3	3	—
Advanced Nursing Procedures (Nur 344)	—	—	—	3
Organic Chemistry (Ch 355, 356)	6	—	—	—
Biochemistry (Ch 357)	—	4	—	—
Nursing in Medical and Surgical Disease (Nur 223, 224)	—	3	3	—
Nursing Clinics in Medical and Surgical Disease (Nur 225, 226)	—	—	3	3
Materia Medica (Nur 236)	—	2	—	—
Psychiatric Nursing (Nur 413)	—	—	—	3
Public Health and Com. Diseases (Nur 336, 337)	—	—	2	4
Case-Work Methods (Nur 313)	—	2	—	—
	15	17	17	16

* After academic year 1940-41.

Fourth Year—Medical School	Term hours			
	Summer	Fall	Winter	Spring
Nutrition (Nur 327)	-	3	-	-
Diet in Disease (Nur 369)	-	3	-	-
Modern Social and Health Movements (Nur 347, 348)	-	4	-	-
Clinics in Specialties (Nur 351, 352)	-	3	-	-
Emergency Nursing (Nur 212)	-	2	-	-
Obstetrical Nursing (Nur 412)	-	-	4	-
Clinics in Obstetrics (Nur 439)	-	-	3	-
Adv. Nursing Procedures in Obstetrics (Nur 345)	-	-	3	-
Survey of Field (Nur 414)	-	-	3	-
Behavior Aspects of Children (Nur 487)	-	-	-	3
Seminar (Nur 407)	-	-	2	-
Pediatric Nursing (Nur 415)	-	-	-	4
Clinics in Pediatrics (Nur 440)	-	-	-	3
Adv. Nursing Proc. in Pediatrics (Nur 346)	-	-	-	3
Prin. and Org. of Public Health Nursing (Nur 461)	-	-	-	3
	-	15	15	16
Fifth Year—Medical School				
Nursing Specialty	-	16	16	16
Public Health Nursing				
Pediatrics	Orthopaedics			
Obstetrics	Supervision			

Graduate Curricula in Nursing Education

THE Department of Nursing Education offers advanced curricula in public health nursing, orthopaedic nursing, obstetrical nursing, pediatric nursing, and nursing supervision. Advanced work in other nursing specialties may be arranged.

Public Health Nursing. The department offers three-term and four-term curricula in public health nursing which lead to a Certificate in Public Health Nursing and prepare the student to become a public health nurse in urban or rural communities. A second year's work in public health nursing is also offered.

If the student in public health nursing is a candidate for the bachelor's degree, she may be allowed forty-five term hours of academic credit for three years of nursing education, provided the school of nursing from which she graduated meets the admission requirements of the department.

Through the cooperation of the Portland Visiting Nurse Association, the Medical School Service of the University of Oregon Medical School clinics, the Bureau of School Hygiene of the Portland Health Department, and the Bureau of Public Health Nursing of the State Department of Health, the public health nursing student has opportunity for both rural and urban services.

A student in the public health nursing curriculum must provide herself with a blue wash uniform and with a plain coat and hat, to be worn in the field. It is not required that the student in public health nursing have an automobile; but an automobile will enable the student to gain a much richer field experience. If the student does not have the use of a car, she must have sufficient funds for transportation (approximately \$1.25 a week in the urban field, and from \$3.00 to \$5.00 a week in the rural field).

Three-Term Curriculum. Prerequisites for entrance are: (1) a baccalaureate degree and graduation from an accredited school of nursing which meets the admission requirements of the department, nurse registration, and formal accept-

ance by the director of the Department of Nursing Education after consideration of previous academic work, record of experience, age, personality, and other evidences of probable success as a public health nurse; or (2) senior standing in the degree curriculum in nursing.

Four-Term Curriculum. Prerequisites for entrance are: graduation from an accredited school of nursing which meets the admission requirements of the department, nurse registration, and formal acceptance of the candidate for admission by the director of the Department of Nursing Education after consideration of previous academic work, record of experience, age, personality, and other evidences of probable success as a public health nurse.

Regular students in this curriculum carry at least sixteen hours of work each term for four terms. This includes fifteen hours of field work per week (five term hours per term) in addition to theoretical courses outlined.

Second-Year Curriculum. The second-year student is allowed considerable latitude in electives for work in the field of public health nursing in which she may wish to specialize.

Orthopaedic Nursing. The department offers a three-term curriculum in nursing in orthopaedics which leads to a certificate. For admission the student must fulfill the entrance requirements listed under Public Health Nursing above, and, in addition, take an examination in anatomy and orthopaedic nursing as outlined in the Curriculum Guide for Schools of Nursing. Only applicants making a satisfactory grade will be admitted.

Through the cooperation of the Doernbecher Memorial Hospital, the Shriners' Hospital for Crippled Children, and the Outpatient Clinic of the University of Oregon Medical School, the student will have experience in ward management, and in care of patients in hospitals, clinic, and home.

Obstetrical Nursing. The Department of Nursing Education offers a three-term curriculum in nursing in obstetrics which prepares the student for employment as head nurse in the obstetrical department in a hospital, or for specialization in obstetrical nursing service in home, clinic, or hospital. The curriculum leads to a Certificate in Obstetrical Nursing. For admission the student must fulfill the entrance requirements listed under Public Health Nursing above, and, in addition, take a preliminary examination covering the course in obstetrics as outlined in the Curriculum Guide for Schools of Nursing. Only those making a satisfactory grade will be admitted.

Through the cooperation of the Multnomah Hospital and the Outpatient Clinic, the student in this curriculum will have experience in ward management, delivery room, home nursing deliveries, prenatal service in clinic and field, mothers' classes, and postpartum care in clinic and field. The standards and technic used in the Outpatient Clinic and in home deliveries are based on those used by the Maternity Center Association of New York City. The student will be required to live where she can receive telephone calls day or night while she is on call for home deliveries.

Pediatric Nursing. The Department of Nursing Education offers a three-term curriculum in nursing in pediatrics, which prepares the student for employment as head nurse in the pediatric department in a hospital or for specialization in pediatric nursing in home, clinic, or hospital. The curriculum leads to a Certificate in Pediatric Nursing. For admission the student must fulfill the

entrance requirements listed under Public Health Nursing above, and, in addition, take a preliminary examination covering the course in pediatrics as outlined in the Curriculum Guide for Schools of Nursing. Only those making a satisfactory grade will be admitted.

Through the cooperation of the Outpatient Clinic and the Doernbecher Hospital the student in this curriculum will have experience in ward management, and in care of children from both the social and physical standpoints in hospital, clinic, and home.

Nursing Supervision. The Department of Nursing Education offers a three-term curriculum in nursing supervision which leads to a certificate. Prerequisites are the entrance requirements listed above for the four-term public health nursing curriculum. Through cooperation with the coordinated hospitals, the student will have experience in ward management and teaching supervision.

CURRICULUM IN PUBLIC HEALTH NURSING

	Term Hours
Principles and Organ. in Public Health Nursing (Nur 461, 462, 463)	9
Field Work in Public Health Nursing (Nur 467, 468, 469)	15
Community Organization (Nur 418, 419)	3-4
Methods in Social Case Work (Nur 416, 417)	3-4
Field Work in Social Case Work (Nur 464)	5
Methods in Teaching Health (Nur 465, 466)	4-6
Vital Statistics (Nur 471)	2
Mental Hygiene (Nur 445)	3
Assessment of Physical Fitness (Nur 444)	3
Systems of Public Health Nursing (Nur 470)	3-6
Advanced Public Health (Nur 490)	3
*Problems in Child Welfare (Nur 489)	3
*Methods in Supervision (Nur 450, 451, 452)	9
*Seminar in Nursing (Nur 407)	6
*Reading and Conference (Nur 405)	6
*English Composition (Eng 111, 112, 113)	6
*Elements of Sociology (Soc 201, 202, 203)	9
*General Psychology (Psy 216, 217, 218)	9
*Principles of Economics (Ec 201, 202, 203)	6
Total term hours required	64

CURRICULUM IN ORTHOPAEDIC NURSING

Principles and Organ. in Public Health Nursing (Nur 461, 462, 463)	9
Methods in Social Case Work (Nur 416, 417)	4
Field Work in Social Case Work (Nur 464)	5
Methods in Supervision (Nur 450, 451, 452)	9
Kinetics (Nur 478, 479)	4
Clinical Orthopaedic Nursing (Nur 472, 473)	14
Seminar in Nursing (Nur 407) or elective	6
Total term hours required	48

CURRICULUM IN OBSTETRICAL NURSING

Principles and Organ. in Public Health Nursing (Nur 461, 462, 463)	9
Methods in Social Case Work (Nur 416, 417)	3-4
Field Work in Social Case Work (Nur 464)	5
Methods in Supervision (Nur 450, 451, 452)	9
Clinical Obstetrical Nursing (Nur 474, 475)	14
Adv. Obstetrics for Nurses (Nur 456, 457)	4
Seminar in Nursing (Nur 407) or elective	6
Total term hours required	48

* Or other electives.

CURRICULUM IN PEDIATRIC NURSING

	Term Hours
Principles and Organ. in Public Health Nursing (Nur 461, 462, 463)	9
Methods in Social Case Work (Nur 416, 417)	4
Field Work in Social Case Work (Nur 464)	5
Methods in Supervision (Nur 450, 451, 452)	9
Clinical Pediatric Nursing (Nur 476, 477)	14
Adv. Pediatrics for Nurses (Nur 480, 481)	4
Seminar in Nursing (Nur 407) or elective	6
Total term hours required	48

CURRICULUM IN NURSING SUPERVISION

Methods of Teaching Health (Nur 465)	3
Methods in Supervision (Nur 448, 449)	6
Principles and Organ. in Public Health Nursing (Nur 461, 462, 463)	9
Methods in Social Case Work (Nur 416, 417)	4
Field Work in Supervision	12
Field Work in Teaching Nursing Arts	12
Elective	2
Total term hours required	48

Course-Numbering System

THE uniform course-numbering system of the State System of Higher Education, as it applies to the courses of the Department of Nursing Education is as follows:

- 1-99. Courses in the first two years of a foreign language, or other courses of similar grade.
- 100-110, 200-210. Survey or foundation courses that satisfy the lower-division group requirements in the Language and Literature, Science, and Social Science groups.
- 111-199. Other courses offered at first-year level.
- 211-299. Other courses offered at second-year level.
- 300-399. Upper-division courses.
- 400-499. Upper-division courses primarily for seniors.
- 500-599. Courses primarily for graduate students but to which seniors of superior scholastic achievement may be admitted on approval of instructor and department head concerned.

Certain numbers are reserved for courses that may be taken through successive terms under the same course number, credit being granted according to the amount of acceptable work done. These course numbers are as follows:

- | | |
|--------------------------|--|
| 301, 401, 501. Research. | 305, 405, 505. Reading and Conference. |
| 303, 403, 503. Thesis. | 307, 407, 507. Seminar. |

Description of Courses

LOWER-DIVISION COURSES

Eng 111, 112, 113. **English Composition.** 2 hours each term.

A year sequence in the fundamentals of English composition and rhetoric with frequent written themes in the various forms of discourse. Special attention is paid to correctness in fundamentals and to the organization of papers. Lectures, 2 hours; 22 hours each term.

Nur 113. Personal Hygiene. 3 hours any term.

Designed to give the student the fundamental principles for building health, to help the student form sound health habits, and to give scientific methods for teaching health. Lectures, 3 hours; 33 hours. Miss Wheelock.

Nur 131, 132, 133. Elementary Nursing Procedures. 3-4 hours each term.

To give a clear understanding of the fundamental principles which underlie all good nursing, to develop habits of observation, system, and manual dexterity, and to establish a fine technic in nursing. Three sections. Lectures and laboratory. Given in hospital school. Lectures, 1 hour; clinic, 4 hours. Miss Sears.

†Nur 212. Emergency Nursing. 2 hours any term.

Covers emergency treatment to be given before the arrival of a doctor in cases of accident or physical injury. Lectures, 2 hours; 22 hours. Miss Wetzel.

†Nur 216. History of Nursing. 3 hours.

A study of present-day conditions in nursing; obstacles which have been overcome; the early leaders; and ideals and traditions underlying nursing. Lectures, 3 hours; 33 hours. Miss Wheelock.

†Nur 217, 218. Contemporary Trends in Nursing. 3 hours.

Nursing leaders; development and need for nursing organization; relation to other social factors which have contributed to the development of nursing; international aspects. Prerequisite: Nur 216. Lectures, 3 hours; 33 hours each term. Miss Wheelock.

Nur 223, 224. Nursing in Medical and Surgical Diseases. 3 hours each term.

The purpose of this course is to give the student a practical understanding of the causes, symptoms, prevention, and treatment of medical and surgical diseases, so that she may be prepared to give skilled assistance to the physician in the care of the patient. To develop skill in reporting symptoms of disease and the effect of treatment. Lectures, 3 hours; 33 hours.

Nur 225, 226. Nursing Clinics in Medical and Surgical Diseases. 3 hours each term.

To provide bedside teaching of the student nurse in medical diseases, and to give her a practical understanding of symptoms and methods of treatment. Three sections. Lectures, 1 hour; clinic, 6 hours; 77 hours each term. Miss Doltz, Miss Starkweather, and staff.

***Ch 228. Elementary Materia Medica.** 3 hours summer or winter.

To familiarize the student with common drugs used as disinfectants and antiseptics, presenting these in groups according to their common characteristics; to insure accuracy and afford practice in making up solutions commonly used by the nurse; to teach tables, arithmetic, and methods necessary for this purpose. Lectures, 2 hours; laboratory, 3 hours; 55 hours. Miss Wheelock.

***Nur 229. Physiology of Disease.** 3 hours.

A study of the fundamental changes in physiology resulting from disease processes. Emphasis is placed in the application of this knowledge to practical nursing care. Lectures, 2 hours; 22 hours. Dr. Manville.

* Credit earned in this course may be applied toward a major in science at the State College.
† Credit earned in this course may be applied toward a major in sociology at the University.

***Nur 236. Materia Medica and Pharmacology.** 3 hours fall.

This course is designed to continue the study of drugs with special reference to their use as therapeutic agencies and with emphasis upon the accurate administration of medicines and intelligent reporting of results. Lectures, 3 hours, 33 hours. Dr. Perlman and Miss Doltz.

UPPER-DIVISION COURSES

Nur 311. Principles of Publicity. 3 hours.

A practical course for social workers, teachers, ministers, and others who handle their own publicity in a nonprofessional way. Training will not only include the methods of securing adequate and effective newspaper cooperation, but will cover various other media that may be used to reach the public. Lectures, 3 hours; 33 hours.

***BiS 311. Anatomy and Physiology.** 6 hours any term.

To give the student a practical working knowledge of the structure and function of the skeletal system, and an appreciation of the human body as an efficient machine; to form the basis for the study of pathological conditions and materia medica; and to train in habits of exact observation. Lectures, 4 hours; laboratory, 6 hours; 110 hours. Dr. Manville.

†Nur 313. Case-Work Methods Applied to Nursing. 2-4 hours.

A study of the principles underlying case work and an application of the methods used and found effective in other fields to the development and use of nursing case histories. Lectures, 2-4 hours; 22-44 hours. Miss Thomson or Miss Wheelock.

***Nur 327. Nutrition.** 3 hours any term.

This course is arranged to give the student a knowledge of the nutritive value of foods, their chemical combination, and use for different age groups in health and in disease. Lectures, 2 hours; laboratory, 3 hours; 55 hours. Dr. Manville.

***Bac 328, 329. Bacteriology.** 3 hours each term.

A study of the general characteristics of bacteria and their relation to disease. Considerable attention given also to the special reactions of the human body to infection, and the application of these reactions to the diagnosis, prevention, and treatment of infective diseases. Lectures, 2 hours; laboratory, 3 hours; 55 hours each term. Dr. Sears.

Nur 332. Clinics in Psychiatry. 3 hours.

Lectures, 1 hour; clinic, 6 hours; 77 hours. Drs. Dixon and Hutchens, and Miss Starkweather and staff.

***Nur 336, 337. Public Health and Communicable Diseases.** 3 hours each term.

To give the student a practical understanding of the symptoms and treatment of the communicable diseases. Lectures, 3 hours; 33 hours each term. Dr. Weinzirl, Miss Higby, and staff.

Nur 343, 344. Advanced Nursing Procedures. 3 hours each term.

To give the student a scientific method of approach to the nursing care of patients in special services in hospital. Lectures, 1 hour; clinic, 6 hours; 77 hours each term. Miss Doltz.

* Credit earned in this course may be applied toward a major in science at the State College.
† Credit earned in this course may be applied toward a major in sociology at the University.

- Nur 345. **Advanced Nursing Procedures in Obstetrics.** 3 hours any term.
To give the student a scientific approach to the nursing care of obstetrical patients in hospital, clinic, and home. Lectures, 1 hour; clinic, 6 hours; 77 hours. Miss Doltz and Miss Eggers.
- Nur 346. **Advanced Nursing Procedures in Pediatrics.** 3 hours any term.
To give the student a scientific approach to the nursing care of pediatric patients in hospital, clinic, and home. Lectures, 1 hour; clinic, 6 hours; 77 hours. Miss Higby.
- †Nur 347, 348. **Modern Social and Health Movements.** 2 hours each term.
Review of historical backgrounds of modern social and health movements; field visits to, and class discussions of, these movements in the community; the relation of the nurse to these programs. Lectures, 2 hours; 22 hours each term. Miss Wetzel.
- Nur 351, 352, 353. **Clinics in Specialties.** 3 hours each term.
To provide teaching and experience in the outpatient department in the dermatological, diabetic, and other special services. Lectures, 1 hour; clinic, 6 hours; 77 hours each term. Miss Starkweather, Miss Wetzel, and staff.
- *Ch 355, 356. **Organic Chemistry.** 3 hours each term.
The elementary organic chemistry of the aliphatic and cyclic compounds, with emphasis upon substances of special interest in medicine. Lectures, 2 hours; laboratory, 3 hours; 55 hours each term. Dr. West.
- *Ch 357. **Biochemistry.** 4 hours.
The first part of the course deals with the chemistry of the carbohydrates, lipids, proteins, and other substances of importance as foods or tissue constituents. This is followed by a study of enzymes and digestion, nutrition, blood, metabolism, and the excretions. Lectures, 3 hours; laboratory, 6 hours; 99 hours. Dr. West.
- Ch 364. **Organic Chemistry for Nurses.** 4 hours.
A special course in the application of organic chemistry to nursing, designed for students entering with a deficiency in organic chemistry. Dr. West.
- Nur 369. **Diet in Disease.** 3 hours any term.
Theoretical and laboratory work in diet in disease.
- Nur 390. **Special Therapy.** 2 hours.
A study of the underlying principles, effects, and nursing care necessary for special therapeutic procedures, such as X-ray, radium, fever, helio- and hydrotherapy.
- Nur 405. **Reading and Conference.** Any term, hours to be arranged.
- Nur 407. **Seminar in Nursing.** 2 hours each term.
Arranged for advanced students in nursing. To give the student an opportunity to study problems relating to nursing. Two hours; 22 hours each term. Miss Thomson.

* Credit earned in this course may be applied toward a major in science at the State College.
† Credit earned in this course may be applied toward a major in sociology at the University.

- Nur 412. **Obstetrical Nursing.** 4 hours any term.
A study of the value of the individual family to the race. The importance of adequate medical and nursing care for maternity patients from the beginning of pregnancy through the puerperium. Physiology and hygiene of normal pregnancy, complications, treatment, care of patients in hospital or home. Lectures, 4 hours; 44 hours.
- †Nur 413. **Psychiatric Nursing.** 3 hours.
A study of the changes which occur in the mental condition of physically ill patients. Observation of behavior on same basis as observation of physical factors; the consideration of abnormal behavior as a symptom of disease; the relation of childhood to adult life. Causes, prevention, and treatment in mental diseases. Lectures, 3 hours; 33 hours. Drs. Dixon and Hutchens, and Miss Thomson.
- Nur 414. **Survey of Field and Related Professional Problems.** 3 hours.
An introduction to the various branches of nursing problems; responsibilities, professional organization, relation to other professions. Opportunities for further education. Lectures, 3 hours; 33 hours. Miss Thomson or Miss Wheelock.
- Nur 415. **Pediatric Nursing.** 3-4 hours any term.
A study of the mental and physical development of the normal child from birth to puberty. Feeding: maternal, supplementary, complementary. Symptoms of disease in children, prevention and treatment. Lectures, 4 hours; 44 hours. Dr. Smith.
- †Nur 416, 417. **Methods in Social Case Work.** 3-4 hours each term.
A study of the principles and methods common to all forms of social case work. Selected cases pertaining to the family case-work field will be used to demonstrate processes and skills generic to any kind of case work, and employed in interviewing, analysis of situations, treatment, and case recording. Lectures, 3 hours; 33 hours.
- †Nur 418, 419. **Community Organization.** 2 hours each term; 3-4 hours summer.
A study of the theories and methods of organization; how used by national, state, and local organizations; constructive and destructive factors existing in community life; the background of community movements. Students make outline studies of organizations functioning in local communities, and discuss such topics as the fundamental institutions of any community, the interrelationships of organizations, and the ideals that should motivate all efforts toward the development of our social machinery and its connection with local needs and opportunities. Lectures, 2-4 hours; 22-44 hours each term. Miss Mealey.
- Nur 420, 421, 422. **Administration in Nursing School.** 2 hours each term.
Problems of training-school organization in connection with hospitals of various types, and nursing schools under other forms of government. The essentials in nature and variety of hospital service, in administrative and teaching staff, and in the equipment for the maintenance of educational work. General problems of training-school management; the qualifications, personality, and training of superintendent or principal; general duties and responsibilities on the administrative side; the arrangement, control, and supervision of practical work in wards or other hospital departments; and the appointment and direction of assistants and ward staff. Lectures, 2 hours; 44 hours each term. Miss Phelps.
- † Credit earned in this course may be applied toward a major in sociology at the University.

- Nur 423, 424, 425. **Field Work in Nursing-School Administration.** 5 hours each term.
For graduate or senior students in nursing. The student is given an opportunity to plan student practice, and to study problems in the social and school adjustment of student nurses. Field work, 165 hours each term.
- Nur 426, 427, 428. **Advanced Principles in Nursing.** 2 hours each term.
The principles which underlie service to individuals and families as they are applied through nursing. Lectures, 2 hours; 44 hours each term. Miss Thomson.
- Nur 429, 430, 431. **Advanced Field Work in Nursing.** 5 hours each term.
Designed for senior or graduate nursing students. The student is given an opportunity to work with an agency specializing in the particular form of nursing or medical social service in which her interest lies. Field work, 165 hours each term. Miss Thomson and Miss Wheelock.
- Nur 432. **Current Problems in Nursing.** 3 hours any term.
Opportunity for a review of the present status of nursing and its relation to present community problems and services. Lectures, 3 hours; 33 hours each term. Miss Thomson or Miss Wetzel.
- Nur 433, 434, 435. **Teaching Nursing Arts.** 2 hours each term.
The philosophy of education and methods of teaching applicable to professional teaching of nursing. Lectures, 2 hours; 22 hours each term.
- Nur 436, 437, 438. **Field Work in Teaching Nursing Arts.** 3 hours each term.
The student is given opportunities to plan and teach courses in the nursing arts under expert supervision, and to study problems of the classroom and the floor, for both the introductory and advanced courses in the nursing arts. Lectures, 1 hour; clinics, 4 hours; 55 hours each term.
- Nur 439. **Clinics in Obstetrics.** 3 hours any term.
To provide bedside teaching of the student nurse in obstetrics, and to give her a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Three sections. Lectures, 1 hour; clinic, 6 hours. Miss Sears, Miss Eggers, and staff, Multnomah Hospital School of Nursing.
- Nur 440. **Clinics in Pediatrics.** 3 hours any term.
To provide bedside teaching of the student nurse in pediatrics, and to give her a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Lectures, 1 hour; clinic, 6 hours. Miss Phelps and staff.
- Nur 444. **Assessment of Physical Fitness.** 3 hours any term.
To provide an adequate review of the fundamentals of nutrition; to furnish means whereby a fairly accurate idea may be obtained of the nutritional status of the individual, thus facilitating the work of the supervising physician; and to provide information necessary in combating nutritional conditions of an undesirable nature, conditions growing, for the most part, from the ignorance of the public, and from the viciousness and malpractice on the part of the uncurbed few. Lectures, 3 hours; 33 hours each term. Dr. Manville.

- †Nur 445. **Mental Hygiene.** 3 hours any term.
Modern methods for the prevention of mental diseases, and the care of those suffering from such diseases. Lectures, 3 hours; 33 hours each term. Dr. Hutchens.
- Nur 447, 448, 449. **Field Work in Nursing Supervision.** 5-7 hours each term.
Opportunity to practice teaching and supervision, and to carry on special problems in the hospital under guidance. Field work, 165 hours each term. Miss Sears, Miss Higby, and Miss Humphreys.
- Nur 450, 451, 452. **Methods in Supervision.** 3 hours each term.
Methods and technic in teaching, supervision of nurses, and proper care of special equipment. Practical experience in the graduate nursing specialty elected by the student. Lecture, 1 hour; clinic, 2 hours; 22 hours each term. Miss Thomson or Miss Wheelock.
- *Nur 453. **Biochemistry of Metabolism and Respiration.** 2 hours.
A special course in the application of biochemistry to anaesthesia. 22 hours. Dr. West.
- Nur 456, 457. **Advanced Obstetrics for Nurses.** 2 hours each term.
Designed for the advanced obstetrical unit for nurses who are specializing in obstetrical nursing. Dr. Stearns.
- Nur 461, 462, 463. **Principles and Organization in Public Health Nursing.** 2 to 3 hours each term.
The methods which have been devised to give service to individuals through public health nursing (generalized and specialized); closely correlated with the field experience of the student. The technic which has been developed in each field of public health nursing is critically studied in relation to its application to individuals served. Lectures, reports on assigned reading, and discussion. Lectures, 2-3 hours; 22-23 hours each term. Miss Thomson and Miss Wetzel.
- †Nur 464. **Field Work in Social Case Work.** 5 hours any term.
The first term of field work is spent in the Social Service Department of the Outpatient Clinic in family case work. Experience in the solution of family problems is basic to all fields of public health nursing. Field work, 165 hours.
- †Nur 465, 466. **Methods in Teaching Health.** 2-3 hours each term.
Methods which are being developed in the field of health education with special relation to the public health nurse. Lectures, 4 hours; 44 hours. Miss Mealey.
- Nur 467. **Field Work in Public Health Nursing.** 5 hours.
Experience in prenatal and postnatal nursing with the Outpatient Clinic; infant welfare, tuberculosis, bedside, and industrial nursing with the Portland Visiting Nurse Association; school nursing with the school nursing division of the City Health Bureau. Clinic, 165 hours. Miss Wetzel, Miss Crowe, and Miss Fisher.
- Nur 468. **Field Work in Public Health Nursing.** 5 hours.
Rural public health nursing under the direction of the Bureau of Nursing, State Board of Health. Clinic, 165 hours. Miss Perozzi and Miss Wetzel.

* Credit earned in this course may be applied toward a major in science at the State College.
† Credit earned in this course may be applied toward a major in sociology at the University.

Nur 469. Field Work in Public Health Nursing. 5 hours.

This course is arranged for students who have completed three terms of the required curriculum leading to the Certificate in Public Health Nursing, and consists of a full-time block of work with rural and urban public health nursing agencies. Clinic, 165 hours. Miss Wetzel and staff of agency.

†Nur 470. Systems in Public Health Nursing. 3-6 hours any term.

The development of public health practices and organization with special emphasis upon present trends in public health nursing. Clinic, 198 hours. Miss Perozzi and staff.

†Nur 471. Vital Statistics. 2 hours.

Lectures and recitations on the collection, the arrangement, and the uses of statistical data having a bearing upon practical public health work. Lectures, 2 hours; 22 hours. Miss Wheelock.

Nur 472, 473. Clinical Orthopaedic Nursing. 7-9 hours each term.

Opportunity for experience with children and adults in the Outpatient Clinic of the Medical School and in the Shriners' Hospital for Crippled Children. Lectures, 3 hours; clinic, 18 hours; 231 hours each term. Miss Humphreys.

Nur 474, 475. Clinical Obstetrical Nursing. 7-9 hours each term.

Practical experience in the hospitals affiliated with the Medical School, in the Outpatient Clinic, and in homes. Lectures, 3 hours; clinic, 18 hours; 231 hours each term. Dr. Watkins and Miss Eggers.

Nur 476, 477. Clinical Pediatric Nursing. 7-9 hours each term.

Practical experience with children in the Doernbecher Hospital and in the Outpatient Clinic. Lectures, 3 hours; clinic, 18 hours; 231 hours each term. Miss Phelps and staff.

Nur 478, 479. Kinetics. 2 hours each term.

Designed for the advanced orthopaedic unit for nurses who are specializing in orthopaedic nursing.

Nur 480, 481. Advanced Pediatrics for Nurses. 2 hours each term.

Designed for the advanced paediatric unit for nurses who are specializing in paediatric nursing. Dr. Smith.

Nur 486. Surgical Specialties. 2 hours.

Designed for the advanced surgical unit for nurses who are specializing in surgical nursing.

†Nur 487. Behavior Aspects of Child Conduct. 3 hours.

Study of child behavior in health and disease. Dr. Hutchens.

†Nur 489. Problems in Child Welfare. 3 hours.

An intensive study of child dependency, including a consideration of physical and mental handicaps and juvenile delinquency. Intended primarily to meet the needs of persons now in the field, whose work involves problems of dependency. Lectures, 3 hours; 33 hours. Mr. Class.

†Nur 490. Advanced Public Health. 3 hours any term.

Methods of control of communicable diseases, methods of dealing with special health problems, maternal and infant care, tuberculosis, venereal diseases, organization of state and local health departments. Lectures, 3 hours; 33 hours. Dr. Weinzirl.

† Credit earned in this course may be applied toward a major in sociology at the University.

GRADUATE COURSES

†Nur 501. Social Research. Any term, hours to be arranged.

Intended to give the student an opportunity to work out projects in the line of her special interest. Opportunities in the fields of child welfare, medical social work, visiting teaching, family welfare, and community organization. Miss Thomson.

†Nur 507. Case-Work Seminar. 2 hours.

A discussion course designed for supervisors and executives. Individual reports and group discussions of problem cases. Lectures and discussions, 2 hours; 22 hours. Miss Thomson.

†Nur 511, 512, 513. Fundamentals of Health Education. 2 hours each term.

Lecture and discussions on the scientific basis for health development and the prevention of disease; 22 hours each term. Miss Thomson and Miss Mealy.

† Credit earned in this course may be applied toward a major in sociology at the University.

Degrees Conferred June 1940

MEDICINE

DOCTOR OF MEDICINE

Woodson Bennett, B.S., Lebanon
 Kenneth Bortner Brillhart, B.S., Seattle, Wash.
 James Trevor Bryant, B.S., Seattle, Wash.
 Thomas Henry Clark, M.S., Seattle, Wash.
 Richard Lester Currin, B.A., Klamath Falls
 Harold Evans Davis, B.A., Portland
 Robert Louis Day, B.A., Portland
 Conrad A. DeLateur, B.S., Hoquiam, Wash.
 Oliver Draper, A.B., Salem
 Harry E. Emmel, A.B., Portland
 Charles Wesley Fluke, B.S., Portland
 Lucille Lanier Fortner, B.A., Salem
 Robert Franco, B.S., Seattle, Wash.
 James Edward Galbraith, B.S., Seattle, Wash.
 Jack W. Grondahl, M.S., Portland
 Bernard J. Goiney, B.S., Tacoma, Wash.
 Robert Hayter, B.A., Dallas
 Russell Stein Jones, B.A., Medford
 William Edwin Jones, B.S., Kelso, Wash.
 Charles L. Kaufman, M.A., Portland
 Milton C. Lockwood, B.S., Portland
 John Bunn Long, B.A., Portland
 Leo John Lymp, B.A., Wemme
 Robert W. Marcum, B.S., Portland
 Walter C. McWilliams, B.A., Portland

Waldo Orrin Mills, B.A., Salem
 Leonard Granville Morley, B.A., Salem
 Margaret Christine Nilsson, A.B., Milwaukee
 Marjorie Jane Noble, B.A., Tacoma, Wash.
 Max Horton Parrott, B.S., Portland
 Noel B. Rawls, M.A., Corvallis
 Howard Lockhart Richardson, M.A., Tacoma, Wash.
 Howard Gordon Roberts, B.A., Salem
 John Sydney Rodda, B.A., Portland
 Willard Charles Roley, B.A., Albany
 John Morse Ross, B.A., St. Helens
 Paul E. Ruuska, B.S., Seattle, Wash.
 Paul Harold Ryan, B.A., Portland
 Benjamin N. Saltzman, M.A., Portland
 Herman John Schroeder, B.S., Seattle, Wash.
 David Eugene Sullivan, B.S., Portland
 David Krause Taylor, B.A., Boise, Idaho
 Thomas J. Taylor, B.S., Olympia, Wash.
 Elizabeth Thornton, B.A., Portland
 Bruce John Webster, B.S., Omak, Wash.
 John D. Welch, A.B., Portland
 Howard Stephen Westover, B.S., Everett, Wash.
 Roscoe Clarence Wilson, B.S., Portland
 Maurice T. Wood, B.A., Salem

NURSING EDUCATION

BACHELOR OF ARTS

Helen Marguerite Peterson, Portland*
 Gretchen Spencer Powell, Salem*

Merle Alvena Voss, Portland†
 Cleo Goltra Williams, Charleston†

BACHELOR OF SCIENCE

Vivian A. Barnaby, Pablo, Montana*
 Dorothy June Buckman, Portland†
 Mary Sophronia Cowell, Portland*
 Clarene C. Croeni, The Dalles*
 E. Claudene Easterday, Portland*
 Marion Inez Frick, Hood River†
 Electa G. Gartin, Caldwell, Idaho*
 Patricia Bernice Geiser, Portland*
 Mary Lillian Giles, Salt Lake City, Utah*
 Gail Victoria Grebe, Portland*
 Henrietta Ruth Holcomb, Eugene*
 Amy Johnson, Klamath Falls*
 J. Cathryn Johnson, Portland*
 Marjorie A. Johnston, The Dalles*
 Vera Klingman, Portland*

Jennie Victoria Larsen, Beaver, Utah*
 Shirley Leppere, Portland*
 Rose Marie Lichens, Portland†
 Ethelva Mae Loosley, Fort Klamath†
 Anne Mauris, Rainier*
 Daphne L. Mumm, Pendleton*
 Dorothy Margaret Prinzing, Portland*
 Olga Lorraine Reich, Stockton, Calif.*
 Irene Clague Sanders, Albany†
 Betty Leah Schlapkohl, Ontario†
 Esther Rose Scott, Oregon City*
 Helen Irene Shonyo, Lakeview*
 Freddy-Jane Welch, Fossil†
 Elizabeth M. Yocom, Eugene*

CERTIFICATE IN PUBLIC HEALTH NURSING

Nettie Alley, St. Helens
 Catharine Anne Barry, Lakeview
 May Black, Glendale, Utah
 Ruth M. Boedefeld, Portland
 Geraldine Kent Burns, Portland
 Vilate Caldwell, Salt Lake City, Utah
 Edna Olive Curry, Medford
 Jessie Sadie Diehl, LaGrande
 Mary Ann Dobmeier, Salt Lake City, Utah

Margaret Frances Dunnigan, Fairbanks, Alaska
 Margaret Elizabeth Fuchs, Clarkston, Wash.
 Ethel McCarty Garrison, Portland
 Electa Gartin, Caldwell, Ida.
 Patricia Bernice Geiser, Portland
 Mary Lillian Giles, Salt Lake City, Utah
 Gail Victoria Grebe, Portland

* Conferred through University of Oregon.
 † Conferred through Oregon State College.

LaVon Greenwood, Monroe, Utah
 Barbara Lucille Hansen, St. Helens
 Marian Dellee Hartvadt, Touchet, Wash.
 Faye Elliott Huston, Dayton, Wash.
 Marjorie Jackson, Nyssa
 Amy Johnson, Klamath Falls
 Marjorie Johnston, The Dalles
 Mable Rockwell Jones, Lehi, Utah
 Thelma Marion Jones, Pocatello, Idaho
 Vera Klingman, Portland
 Katherine Louise Laux, Salt Lake City, Utah
 Elsie Wyonona Lindberg, Simms, Montana
 Ellen M. McDonald, Salt Lake City, Utah
 Ollie Fay McGrath, Twin Falls, Idaho
 Mary Cecilia McIntosh, Coeur d'Alene, Idaho
 Kathryn Ann Maleta, Watsonville, Calif.

Lucille Maskey, Multnomah
 Anne Mauris, Rainier
 Jane Frances Mehie, Pueblo, Colo.
 Patricia Lucille Murray, Portland
 Florence Elma Faulin, Portland
 Phyllis Pehrson, Logan, Utah
 Erma Elizabeth Plett, Salem
 Pearl Vollenweider Sayles, Tucson, Ariz.
 Helen Catherine Schaefer, Havre, Mont.
 Dorothea Frances Seebers, Portland
 Annis Elizabeth Struthers, Portland
 Marjorie Eleanore Swedenburg, Ashland
 Lucille Henrietta Vale, Heppner
 Joan Mary Vergeer, Portland
 Freddy-Jane Welch, Fossil
 Cleo Goltra Williams, Charleston
 Elizabeth Madeline Yocom, Eugene

CERTIFICATE IN OBSTETRICAL NURSING

Henrietta Ruth Holcomb, Eugene
 Gretchen Spencer Powell, Salem

Enrollment 1939-40

MEDICINE

CLASS OF 1940

Bennett, Woodson, Lebanon
 Washington State College, B.S., 1938
 Brillhart, Kenneth B., Seattle, Wash.
 University of Washington, B.S., 1936
 Bryant, James Trevor, Seattle, Wash.
 Oregon State College, B.S., 1938
 Clark, Thomas Henry, Seattle, Wash.
 University of Washington, M.S., 1934
 Currin, Richard L., Klamath Falls
 University of Oregon, B.A., 1938
 Davis, Harold E., Portland
 University of Oregon, B.A., 1936
 Day, Robert L., Portland
 University of Portland, B.A., 1936
 DeLateur, Conrad A., Hoquiam, Wash.
 Oregon State College, B.S., 1938
 Draper, Oliver D., Salem
 Willamette University, A.B., 1936
 Emmel, Harry E., Portland
 Willamette University, A.B., 1936
 Fluke, Charles W., Portland
 Oregon State College, B.S., 1938
 Fortner, Lucille L., Salem
 University of Oregon, B.A., 1938
 Franco, Robert, Seattle, Wash.
 University of Washington, B.S., 1936
 Galbraith, James E., Seattle, Wash.
 University of Washington, B.S., 1935
 Goiney, Bernard J., Tacoma, Wash.
 University of Washington, B.S., 1932
 Grondahl, Jack W., Portland
 University of Oregon, B.S., 1936
 Hayter, Robert, Dallas
 University of Oregon, B.A., 1933
 Jones, Russell, Medford
 University of Oregon, B.A., 1936
 Jones, William E., Kelso, Wash.
 Oregon State College, B.S., 1938
 Kaufman, Charles L., Portland
 University of Washington, M.A., 1930
 Lockwood, Milton, Portland
 University of Idaho, B.S., 1931
 Long, John B., Portland
 Reed College, B.A., 1936

Lymp, Leo J., Wemme
 Linfield College, B.A., 1937
 McWilliams, Walter C., Portland
 University of Idaho, B.A., 1934
 Marcum, Robert W., Portland
 Pacific University, B.S., 1934
 Mills, Waldo O., Salem
 Willamette University, B.A., 1937
 Morley, Leonard, Salem
 Willamette University, B.A., 1936
 Nilsson, Margaret C., Milwaukee
 Stanford University, A.B., 1936
 Noble, Marjorie Jane, Tacoma, Wash.
 University of Oregon, B.A., 1938
 Parrott, Max H., Portland
 Oregon State College, B.S., 1938
 Rawls, Noel B., Corvallis
 Oregon State College, M.A., 1940
 Richardson, Howard L., Tacoma, Wash.
 College of Puget Sound, M.A., 1940
 Roberts, Howard G., Salem
 Willamette University, B.A., 1936
 Rodda, John S., Portland
 University of Oregon, B.S., 1938
 Roley, Willard C., Albany
 University of Oregon, B.A., 1936
 Ross, John M., St. Helens
 Willamette University, B.A., 1936
 Ruuska, Paul E., Seattle, Wash.
 University of Washington, B.S., 1935
 Ryan, Paul H., Portland
 University of Oregon, B.A., 1939
 Saltzman, Benjamin, Portland
 University of Oregon, M.A., 1936
 Schroeder, Herman J., Seattle, Wash.
 University of Washington, B.S., 1931
 Shasky, Florian, Portland
 University of Portland, B.S., 1936
 Sullivan, David E., Portland
 University of Portland, B.S., 1936
 Taylor, David K., Boise, Idaho
 College of Idaho, B.A., 1929
 Taylor, Thomas J., Olympia, Wash.
 Oregon State College, B.S., 1938

Thornton, Elizabeth, Portland
Mills College, B.A., 1936
Webster, Bruce J., Omak, Wash.
University of Washington, B.S., 1936
Welch, John D., Portland
Willamette University, A.B., 1936

CLASS OF 1941

Altman, Ralph C.,
Universities of Berlin and Freiburg,
Germany
Ash, Henry Thornton, Ontario
University of Oregon, B.S., 1939
Boyer, John Michael, Portland
Oregon State College, B.S., 1939
Bradshaw, Frederic William, Portland
University of Oregon, B.A., 1939
Browning, Charles W., Portland
Oregon State College, B.S., 1939
Bunnell, Harris Filmore, Tacoma, Wash.
College of Puget Sound, B.S., 1936
Cattle, A. Bruce, McMinnville
Linfield College, B.A., 1938
Christensen, Leonard, Corvallis
Oregon State College, B.S., 1939
Cochran, Terence H., Oregon City
Oregon State College, B.S., 1939
Cole, Paul Arthur, Pullman, Wash.
State College of Washington, B.S., 1935
Coleman, Warren R., Bend
Oregon State College, B.S., 1939
Cooper, Douglas George, Portland
University of Oregon, B.A., 1927
Davis, Frederic, Portland
University of Oregon, B.A., 1939
DeMars, Harold Victor, Wallace, Idaho
University of Idaho, B.S., 1937
Dockendorff, William Orin, Everett, Wash.
University of Washington, B.S., 1938
Douglas, Earl Wedie, Portland
Willamette University, A.B., 1927
Flint, Weldon C., Cottonwood, Idaho
University of Idaho, B.S., 1938
Fox, Thomas James, Portland
University of Portland, B.S., 1937
Gould, Robert Jarvis, Bend
University of Oregon, B.A., 1939
Haflner, Paul G., Portland
University of Oregon, M.A., 1937
Heffron, Carroll Eugene, Portland
University of Oregon, B.S., 1939
Heldobler, Alfred Otto, Portland
Pacific University, B.A., 1935
Hill, John Richard, Eugene
University of Oregon, B.A., 1939
Holsinger, Harold F., Meridian, Idaho
University of Oregon, B.S., 1939
Horenstein, Marcus Morris, Portland
University of Oregon, B.A., 1937
Jacobson, Leonard Dale, Portland
University of Oregon, B.A., 1937
Kesler, Joseph Perkins, Bountiful, Utah
University of Utah, B.A., 1938
Kintner, William Charles, Seattle, Wash.
University of Washington, B.S., 1937
Klingler, Marion V., Boise, Idaho
University of Idaho, B.S., 1935
Kostalek, Mary Elizabeth, Moscow, Idaho
University of Idaho, B.S., 1939
Kretz, Alexander Walter, Hoquiam, Wash.
University of Washington, B.S., 1938
LeCocq, Frank, Everett, Wash.
University of Washington, B.S., 1938
Lindgren, Aarne Johannes, Portland
University of Oregon, B.S., 1936

* Deceased November 18, 1939

Westover, Howard S., Everett, Wash.
University of Washington, B.S., 1935
Wilson, Roscoe C., Portland
Oregon State College, B.S., 1938
Wood, Maurice T., Salem
University of Oregon, B.A., 1932

Lofberg, Carl, Aberdeen, Wash.
University of Washington, B.S., 1937
Lugar, Leland Richard, Yakima, Wash.
Washington State College, B.S., 1938
McCallum, George, Spokane, Wash.
Washington State College, B.S., 1935
McMilan, Keith, Rainier
University of Oregon, B.A., 1939
MacDaniels, Laurence Kidder, Portland
Reed College, B.A., 1937
Marcy, Guy Elliott, Jr., Yakima, Wash.
Washington State College, B.S., 1938
Melvin, Harry, Portland
University of Oregon, B.A., 1939
Morris, David Arthur, Eugene
University of Oregon, B.A., 1939
Movius, Earnest A., Selah, Wash.
Reed College, B.A., 1937
Nelson, Averly Miller, Wenatchee, Wash.
University of Washington, B.S., 1938
Newman, Jack Veness, Seaside
University of Oregon, B.A., 1939
Osler, Geoffrey Frank, Portland
Oregon State College, B.A., 1939
Pearl, Milton Julian, Seattle, Wash.
University of Washington, B.S., 1938
*Pennoyer, Duane Harmon, Eugene
University of Idaho, Southern Branch,
B.S., 1937
Perkins, James Gray, Milwaukie
University of Oregon, B.A., 1939
Reed, Robert James, Portland
Reed College, B.A., 1937
Reichle, Ray Murton, Portland
Oregon State College, B.A., 1939
Rickett, Howard W., Tacoma, Wash.
College of Puget Sound, B.S., 1936
Rickle, Julian Allen, Seattle, Wash.
University of Washington, B.S., 1937
Rinehart, Robert Earl, Hoevet
Oregon State College, B.S., 1937
Rowe, Ted Perry, Everett, Wash.
University of Washington, B.S., 1935
Scott, Joseph E., Portland
University of Oregon, M.A., 1937
Scheffter, Robert Paul, Portland
Notre Dame, B.S., 1937
Singer, Isadore Milton, Portland
Reed College, B.A., 1937
Smick, Willis E., Sprague, Wash.
Washington State College, B.S., 1937
Soltman, Donald Jack, Grangeville, Idaho
University of Idaho, B.S., 1939
Stout, Gardner Shepard, Portland
Stanford University, A.B., 1937
Sue, Julius F., Portland
Oregon State College, B.S., 1939
Summers, Lloyd Fred, Portland
University of Iowa, B.A., 1935
Vehrs, Herman F., Portland
University of Oregon, B.S., 1938
White, Dorothy Woods, Everett, Wash.
University of Washington, B.S., 1935
Wynia, Frederick O., Cheney, Wash.
University of Washington, B.S., 1938

CLASS OF 1942

Anderson, Robert Francis, Troutdale
Willamette University, A.B., 1938
Armentrout, Herbert L., Portland
University of Oregon, B.S., 1937
Beckwith, Harry George, Portland
Reed College, B.A., 1938
Bellinger, Grover Lee, Salem
University of Oregon, B.A., 1938
Berglund, George J. A., Portland
University of Washington, B.S., 1937
Bogdanovich, Andrew Carlyle, Portland
University of Oregon, B.A., 1938
Boyd, Barbara Jean, Portland
University of Oregon, B.A., 1939
Braff, Andrew Francke, Seattle, Wash.
University of Washington, B.S., 1938
Butler, Franklin Meeds, Spokane, Wash.
Washington State College, B.S., 1938
Calhoun, Carl W., Portland
Reed College, B.A., 1940
Canfield, Earle Garrett, Ashland
University of Oregon, B.A., 1940
Coddington, Frederick L., Opportunity,
Wash.
University of Washington, B.S., 1936
Code, Clarence L., Seattle, Wash.
University of Washington, B.S., 1937
Coding, John William, Portland
University of Washington, B.S., 1932
Corrigan, William James, Spokane, Wash.
University of Portland, B.S., 1938
Day, Charles Ward, Seattle, Wash.
University of Washington, B.S., 1939
Dunlap, Jack Elliot, Portland
Oregon State College, B.A., 1940
Fisher, G. Alan, Portland
Oregon State College, B.A., 1940
Fisher, Harold Lionel, Weiser, Idaho
University of Oregon, B.S., 1940
Frederick, Philip Mark, Seattle, Wash.
University of Washington, B.S., 1939
Gerow, James H., Portland
University of Oregon, B.A., 1940
Hall, Barnard, Portland
University of Oregon, B.A., 1938
Healy, Thomas S., Portland
University of Oregon, B.A., 1940
Karstens, Andres, Helix
University of Oregon, B.A., 1938
Kavanaugh, J. Dunn, Portland
University of Oregon, B.S., 1934
Leong, Richard Wilson, Portland
Linfield College, B.A., 1937
Lofquist, Edwin, Portland
Oregon State College, B.S., 1939
Lucas, Donald Brooks, Clarkston, Wash.
Pacific University, A.B., 1938

CLASS OF 1943

Alley, Kaye, Grass Valley
Willamette University, A.B., 1939
Andrews, Neil C., Portland
University of Oregon, B.A., 1940
Banfield, Ernest E., Portland
Oregon State College, B.A., 1939
Brown, Merle F., Independence
Willamette University, A.B., 1939
Butler, Harry Taylor, Portland
University of Oregon, B.A., 1939
Camber, Robert Louis, Portland
Reed College, B.A., 1939
Curry, Frank Freeman, Seattle, Wash.
University of Washington, B.S., 1939
Epler, Robert Henry, Portland
University of Oregon, 1935-38

McConnell, Graham Slagle, Pullman, Wash.
Columbia University, A.B., 1936
McGowan, Gordon Wesley, The Dalles
University of Oregon, B.A., 1940
McKeown, Scott Bennett, Marshfield
University of Oregon, B.A., 1940
McKinley, Donald, Portland
Reed College, B.A., 1940
Mathieu, Akin, Portland
Stanford University, A.B., 1938
Merryman, John D., Klamath Falls
Pomona College, B.A., 1937
Meyers, Carol, Hillsboro
Oregon State College, B.S., 1940
Murray, Douglas Hector, Seattle, Wash.
University of Washington, B.S., 1936
Murray, Frances Barton, Seattle, Wash.
University of Washington, B.S., 1936
Nudelman, Phillip Leo, Portland
Stanford University, A.B., 1937
Olsen, Ralph Louis, Portland
University of Oregon, B.A., 1938
Pemberton, Philip Eugene, Astoria
Willamette University, B.A., 1939
Pierson, John Martin, Jr., Portland
Oregon State College, B.A., 1938
Prewitt, Gordon, Waldport
Oregon State College, B.A., 1940
Ramquist, Reuel, Vashon, Wash.
University of Washington, B.S., 1935
Rice, Glen Griffith, Seattle, Wash.
Pacific University, A.B., 1938
Richardson, John, Tacoma, Wash.
University of Washington, B.S., 1936
Ritchie, John Walter, Eugene
Oregon State College, B.S., 1940
Robson, John Theodore, Seattle, Wash.
University of Washington, B.A., 1938
Rose, Robert Leon, Parkdale
Oregon State College, B.A., 1938
Sittner, Wilhelm John, Portland
Whitman College, A.B., 1938
Snyder, John E., Seattle, Wash.
University of Washington, B.S., 1938
Steinfeld, Gordon David, Portland
Reed College, B.A., 1940
Stucky, Jack Ernest, Klamath Falls
University of Oregon, B.A., 1940
Taylor, Douglas Hamilton, Beaverton
Wheaton College, B.S., 1938
Thompson, George Everett, Portland
University of Oregon, B.A., 1940
Varney, J. Howard, Powers
Willamette University, A.B., 1938
Verberkmoes, John Gates, Kooskia, Idaho
University of Idaho, B.S., 1934

Evans, Richard W., Portland
University of Washington, 1929-30
University of Portland, 1937-39
Fife, William Paul, Portland
University of Washington, 1935-39
Finck, John Paul, Caldwell, Idaho
University of Idaho, 1936-38
University of Oregon, 1938-39
Folts, Lynd Louis, Seattle, Wash.
University of Washington, B.S., 1937
Fox, Eugene Louis, Portland
University of Portland, B.S., 1939
Gary, J. Everett, West Linn
Willamette University, A.B., 1939
Gibson, Robert H., Tacoma, Wash.
College of Puget Sound, B.S., 1939

Goldsmith, Richard, Portland
University of California, 1935-38
University of Oregon, 1938-39
Good, Harold Victor, Trout Lake, Wash.
University of Washington, M.S., 1939
Gray, Cary Patton, Longview, Wash.
University of Washington, B.S., 1939
Gregg, Ralph L., Seattle, Wash.
University of Washington, B.S., 1939
Grier, Dugald H., Multnomah
University of Portland, 1936-39
Griswold, Herbert Edward, Jr., Portland
Reed College, B.A., 1939
Guiss, Russell Loran, Woodburn
University of Oregon, 1936-39
Hack, Raymond Linton, Multnomah
Oregon State College, 1936-39
Hartsuck, David S., Quilcene, Wash.
University of Washington, B.S., 1939
Heimdahl, O. Erling W., Mt. Vernon, Wash.
Luther College, A.B., 1939
Hoyt, Wallace P., Puyallup, Wash.
Whitman College, 1935-36
Washington State College, 1936-39
Hutchinson, Russell Eugene, Portland
Reed College, B.A., 1939
Imboden, Lucien H., Snohomish, Wash.
University of Washington, B.S., 1939
Jackson, Logan Edward, Portland
Whitman College, A.B., 1938
Jenkins, Robert D., Boise, Idaho
University of Idaho, B.S., 1939
Jones, Charles Herbert, Centralia, Wash.
Centralia Junior College, 1935-36
University of Washington, 1936-39
Jones, Howard Lloyd, Portland
University of Oregon, 1936-39
Kirchhof, Conrad, Seattle, Wash.
Pacific Lutheran College, 1931
University of Washington, 1934-37
Seattle College, 1937-39
Kuge, Toshiaki, Portland
Oregon State College, 1936-39
Lagozzino, Daniel A., Seattle, Wash.
University of Washington, 1935-39
Larsell, John Fleming, Portland
Oregon State College, B.A., 1939
Loughlen, Ivan K., Tacoma, Wash.
University of Oregon, B.S., 1939
Ludden, Theodore E., Great Falls, Mont.
Willamette University, A.B., 1939
Mansfield, Charles Owen, Pateros, Wash.
University of Washington, B.S., 1939
Miller, Owen George, Eugene
University of Oregon, 1936-39
Mitchell, Frank Henry, Vancouver, B.C.
University of British Columbia, 1935-39

GRADUATE STUDENTS, 1939-40

Albert, Pearl, B.A.
Aumann, Kurt W., B.S.
Brandon, Gatlin R., B.S.
Campbell, Mona, B.S.
Casey, Raymond, B.S.
Edmundsen, Frederick C., M.S.
Highet, Doris, B.S.
Hill, Jean, B.S.
Joski, Julia, B.S.

SPECIAL STUDENTS, 1939-40

Garnet, Eileen
Peterson, Ethel, B.A.
Spencer, Theodore

Moe, James, Portland
University of Oregon, 1936-39
Monson, Robert B., Portland
University of Portland, 1935-38
Morgan, William Earle, Aberdeen, Wash.
University of Washington, B.S., 1939
Nebel, Samuel Frank, Shelton, Wash.
Reed College, 1935-36; 37-39
University of Washington, 1938 SS
Needham, Winfield H., Salem
Stanford University, A.B., 1939
Neil, Kay Frederick, Ashland
University of Oregon, 1927-30; 1938-39
O'Connor, Owen J., Portland
University of Portland, 1935-38
Olson, Hilding H., Bow, Wash.
University of Washington, B.A., 1939
Perry, Almeron T., Salem
Willamette University, A.B., 1938
Peterson, Clarence Gray, Portland
University of Oregon, B.A., 1939
Phillips, Clifford W., Seattle, Wash.
University of Washington, 1936-38
Ramsey, Douglas E., Portland
University of Oregon, 1935-39
Royce, Byron F., Silverton
University of Oregon, 1936-39
Schneider, Irvin Joseph, Shaw
Grays Harbor Junior College, 1935-37
Oregon State College, 1937-38
Smith, Theodore Sprague, Eugene
University of Oregon, 1936-39
Stamm, Mary Jane, Pysht, Wash.
Mills College, B.A., 1939
Stolte, Edward Henry, Portland
Reed College, 1928-32
Stone, Alfred M., Boise, Idaho
University of Minnesota, B.A., 1939
Sullivan, Nicholas P., Portland
Washington State College, M.S., 1933
Tarshis, Maurice S., Portland
Reed College, B.A., 1936
Thomas, Evan Watson, Portland
Reed College, B.A., 1939
Tunturi, Archie Robert, Portland
Reed College, B.A., 1939
Ulett, George Andrew, Coquille
Stanford University, B.A., 1940
Versteeg, Charles Neil, McMinnville
Willamette University, A.B., 1937
Wallen, John Walfred, Seattle, Wash.
University of Washington, B.S., 1940
Westerberg, Harry, Portland
Whitman College, A.B., 1939
Wood, Gregg Donald, Portland
Reed College, B.A., 1939
Yoder, Paul E., Portland
Goshen College, 1934-38

Kuylaars, Mary Frances, B.A.
Landis, Robert L., B.S.
Reithel, Francis, M.A.
Rogers, Kate C., B.A.
Swanson, Phyllis, B.A.
Taylor, Jean, B.A.
Thompson, Frank K., M.A.
Uchiyama, John, B.A.
Wells, Charles O., B.A.

Walliker, George, A.B.
Youmans, William B., Ph.D.

NURSING EDUCATION

PUBLIC HEALTH NURSING

Allred, Mildred E.....	Fountain Green, Utah	Johnston, Marjorie.....	Portland
Bailey, L. Enid.....	Arroyo Grande, Cal.	Jones, Mable.....	Lehi, Utah
Barry, Catharine.....	Lakeview	Jones, Thelma.....	Pocatello, Idaho
Bernard, Sarah R.....	Chandler, Ariz.	Jordan, Opal.....	Emmett, Idaho
Black, May.....	Glendale, Utah	Klingman, Vera.....	Salt Lake City, Utah
Boedefeld, Ruth M.....	Portland	Lindberg, Elsie.....	Simms, Mont.
Brennan, Grace L.....	Nampa, Idaho	Lindblom, Peggy.....	Everett, Wash.
Brown, Florence L.....	Portland	MacDonald, Frances.....	Bozeman, Mont.
Burns, Geraldine K.....	Astoria	McDaniel, Imogene.....	Flagstaff, Ariz.
Caldwell, Vilate.....	Salt Lake City, Utah	McDonald, Ellen.....	Salt Lake City, Utah
Carlyon, Goldie S.....	Phoenix, Ariz.	Maleta, Kathryn.....	Watsonville, Calif.
Cauthorne, Mary.....	Juneau, Alaska	Mehle, Jane.....	Pueblo, Colo.
Darby, E. Merwyn.....	Portland	Morris, Lily C.....	Great Falls, Mont.
Davison, Lucy.....	Portland	Mullins, Elma.....	Goble
Denney, M. Ruth.....	Beaverton	Munson, Lillian.....	Hartford, Conn.
DeWitt, Rae.....	Phoenix, Ariz.	Murray, Patricia.....	Pullman, Wash.
Dohmeier, Mary Ann.....	Salt Lake City, Utah	Napier, J. Beryl.....	Malad, Idaho
Dunnigan, Margaret.....	Sandpoint, Idaho	Panck, Elizabeth.....	Tigard
English, Helen.....	Bingham Canyon, Utah	Peterson, Fern.....	Salt Lake City, Utah
Farris, Edna.....	Warrendale	Paulin, Florence.....	Portland
Feore, Charlotte.....	Tucson, Ariz.	Perfield, Mary Ellen.....	Portland
Gart, Ruth.....	Yuma, Ariz.	Robinson, Mary.....	Yuma, Ariz.
Gartin, Electa.....	Caldwell, Idaho	Ryan, Helen L.....	Portland
Gease, Rite.....	Sunnyside, Utah	Schlapkohl, Betty.....	Ontario
Geiser, Patricia.....	Portland	Seebers, Dorothy.....	Portland
Goodall, Eileen.....	Fort Collins, Colo.	Simons, Leora.....	Wolf Point, Mont.
Grebe, Gail V.....	Portland	Skinner, Bernice.....	Aurora
Greenwood, LaVon.....	Monroe, Utah	Stadius, Ellen.....	Portland
Hanks, Elizabeth.....	Winton, Wyo.	Swanson, Marie.....	Portland
Hansen, Barbara.....	St. Helens	Swedenburg, Marjorie.....	Ashland
Hansen, Bessie.....	Richfield, Utah	Turgesen, Mabel.....	Portland
Hartvedt, Marian.....	Touchet, Wash.	Urban, Lillian.....	Hingham, Mont.
Haycock, June.....	Panguitch, Utah	Vale, Lucille.....	Medford
Hill, Helen.....	Portland	Welch, Freddy-Jane.....	Fossil
Howarth, Enid.....	Nephi, Utah	Williams, Cleo.....	Charleston
Hoves, Martha.....	Portland	Williams, Mary J.....	Portland
Huish, Helen.....	Roosevelt, Utah	Wolfe, Wanda.....	Parker, Ariz.
Huston, Faye.....	Harrisburg	Woolfolk, Beth.....	Tucson, Ariz.
Johnson, Amy.....	Klamath Falls	Yocom, Elizabeth.....	Eugene
Johnson, Martha.....	Portland	Zachary, Mary B.....	Reno, Nev.

OBSTETRICAL NURSING

Holcomb, Henrietta.....	Eugene	Powell, Gretchen S.....	Salem
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NURSING SUPERVISION

Harris, Thelma.....	Milwaukie
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MULTNOMAH COUNTY HOSPITAL

Alcock, Irene.....	Ashland	Easterday, Claudene.....	Portland
Baldwin, E. Blanche.....	Corvallis	Eivers, Jean.....	Portland
Baldwin, Peggy.....	Hood River	Elder, Lois Mae.....	North Bend
Barnaby, Vivian.....	Pablo, Mont.	Farnsworth, Jane.....	Oregon City
Bates, Helen.....	McMinnville	Frick, Marian.....	Hood River
Brown, Laura May.....	Portland	Goff, Ruby.....	Forest Grove
Bruce, Ethel.....	Portland	Graham, Jean.....	Ontario
Buckman, Dorothy.....	Portland	Graham, Margaret.....	Portland
Centlivre, Lucille.....	Portland	Haage, Helen.....	Forest Grove
Childs, Elizabeth.....	Albany	Harrington, Hallie.....	Eugene
Chuinaud, LaVada.....	Portland	Hayden, Chesta.....	Springfield
Clark, Marion Rose.....	Portland	Hayes, Doris.....	Salem
Cline, Betty.....	Forest Grove	Hea, Harriett.....	Bozeman, Mont.
Croeni, Clarene.....	The Dalles	Hilton, Jane.....	Tacoma, Wash.
DeMoss, Phyllis.....	Portland	Hoffman, Margaret.....	Redmond
deWitt, Winnifred.....	Portland	Holstine, Marian.....	St. Helens
Dickson, Virginia.....	Shedd	Howell, Shirley.....	Clackamas
Dodge, Elizabeth.....	Canyonville	Houser, Ruth.....	Portland
Durk, Virginia.....	Kimberly, Idaho	Lengele, LaRoyce.....	Corvallis

Leppere, Shirley.....Portland
 Lichens, Rose.....Provoit
 Loosley, Ethelva.....Ft. Klamath
 Marcy, Helen.....Portland
 Marshall, Betty.....Portland
 Maynard, Ruth.....Idaho Falls, Idaho
 McConnell, Agnes.....Portland
 McRay, Harriett.....Myrtle Point
 Meister, Elsie.....Bend
 Mumm, Daphne.....Pendleton
 Olson, Ruby.....North Bend
 Peters, Elizabeth.....Clackamas
 Reich, Olga.....Portland
 Reid, Audrey.....Portland
 Robinson, Dorothy.....Portland
 Rohde, Elizabeth.....Cottage Grove
 Rueber, Nadine.....Stanfield
 Sander, May.....Mapleton
 Schaefer, Elvena.....Rainier

DOERNBECHER HOSPITAL

Ackerman, Frances.....Albany
 Andersen, Rosa.....Canby
 Anderson, Georgia.....Milwaukie
 Anzai, Michiko.....Seattle, Wash.
 Axelson, Helen.....Portland
 Baer, Eleanor.....Portland
 Bailey, Beulah.....Wendling
 Baker, Theresea Ann.....Salem
 Baldwin, Annice.....Stayton
 Beers, Jean L.....Woodburn
 Boche, Glaysd.....Chehalis
 Brady, Anna T.....Oswego
 Brown, Margaret Ann.....Houlton
 Bryant, Frances Eva.....Salem
 Buck, Gladys L.....Clancey, Wash.
 Bye, Della A.....Puyallup, Wash.
 Bye, Selma J.....Bemidji, Minn.
 Byers, Ruth Mae.....Portland
 Calif, Lavina.....Oregon City
 Carter, Vada.....Grand Ronde
 Charlston, Constance.....Brush Prairie, Wash.
 Cloninger, Hinemoa E.....Nyssa
 Conlin, Elizabeth.....Tacoma, Wash.
 Crouse, June.....St. Helens
 Duba, Lillian.....Corvallis
 Dykstra, Donna.....Portland
 Elam, Lela.....Portland
 Elder, Beatrice.....Albany
 Ellman, Daisy.....Tigard
 Eubank, Peggy.....Linnnton
 Farner, Helen.....Portland
 Fletcher, Sara.....Bend
 Garber, Violet.....Portland
 Geren, Catherine.....Portland
 Gillespie, Alice.....Eugene
 Goss, Irene.....Troutdale
 Gray, Mary.....Baker
 Green, Dale.....Westport, Minn.
 Haag, Anna Marie.....Warrenton
 Hammacher, Louise.....Oregon City
 Hatch, Edith.....Spokane, Wash.
 Hearn, Angela.....Portland
 Hershberger, Ila.....Grants Pass
 Holverson, Faye.....Springfield
 Houser, Ellen.....Albany
 Howard, Pearl.....Ilwaco, Wash.
 Hutton, Margery A.....Tillamook
 Isenberg, June.....Hood River
 Jensen, Myrtle.....Twin Falls, Idaho
 Johnson, Elaine.....Tillamook
 Johnston, Mae.....Salem
 Kauffman, Mary E.....Salem
 Kaufman, Grace.....Portland
 Kirkbride, Eileen.....Techachapi, Calif.
 Krieger, Irma.....Portland

Schrouder, Ruth.....Corvallis
 Scott, Ruth.....Portland
 Seely, Dorothea.....Scappoose
 Shonyo, Helen.....Lakeview
 Spencer, Margaret.....Brownsville
 Stewart, Charlotte.....Portland
 Stewart, Lois.....Provo, Utah
 Stout, Alice.....Corvallis
 Stout, Marjorie.....Portland
 Taylor, Mary.....Eugene
 Thomas, Charlot.....Corvallis
 Todd, Vera.....Portland
 Trumbull, Joy.....Whitepine, Mont.
 Waind, Ruth.....McMinnville
 Warila, Bernice.....Astoria
 Washburn, Mary Ellen.....Milwaukie
 Wilson, Bernice.....Forest Grove
 Wise, Catherine.....Gresham

Kruger, Alberta.....Granger, Wash.
 LaLande, Irene.....Astoria
 Lane, Elizabeth.....Portland
 Lant, Sarah.....Ontario
 Lauridsen, Mae.....Junction City
 Lauridsen, Marie.....Junction City
 Leiter, Elsie.....Portland
 Lepschat, Lucylle.....Forest Grove
 Lokan, Martha.....Astoria
 McCabe, Elizabeth.....Portland
 McCoy, Elizabeth.....North Bend
 McCreary, Helen.....Spokane, Wash.
 McEachern, Elva.....Marshfield
 McIrvin, Ellen.....Portland
 McKenzie, Betty.....Umatilla
 Mehling, Tillie.....Granger, Wash.
 Millet, Metra.....Fossil
 Minor, Elsie.....Forest Grove
 Mooney, Katherine.....Auburn, Wash.
 Morrison, Lucille M.....Drewsey
 Neal, Owietus.....The Dalles
 Nelson, Grace.....Sumner, Wash.
 Oversby, Roberta.....Hillsboro
 Pedersen, Norma.....Cathlamet
 Petz, Alice.....Portland
 Porter, Frances.....Medford
 Price, Betty.....Roseburg
 Reanier, Frances.....Capitola, Calif.
 Reardon, Mary.....Monroe, Wash.
 Reisenauer, Sister.....Portland
 Rinard, Margaret.....McMinnville
 Robinson, Barbara.....Portland
 Roe, Madeleine.....Eugene
 Rogers, Agnes.....Woodland, Wash.
 Sargent, Dorothy.....Portland
 Savage, Dorothy.....Kimberly, Idaho
 Schneider, Dolores.....Portland
 Schoepflin, Helen.....Farmington, Wash.
 Schroder, Margaret.....Portland
 Schuler, Mary.....Astoria
 Schwindt, Elma.....Des Moines, Iowa
 Shirley, Eliza.....Grants Pass
 Simonson, Alice.....McMinnville
 Sluderman, Betty.....Belleville, Ill.
 Smiley, Marianne.....North Bend
 Smith, Geraldine.....Beaverton
 Smith, Lois.....Portland
 Smith, Marian B.....Kinzua
 Spalding, Albertine.....Long Beach, Calif.
 Spark, Catherine.....New Westminster, Canada
 Stangeland, Jeannette.....Astoria
 Stewart, Marian.....Baker
 Stickney, Eloise.....Vancouver, Wash.
 Streib, Ethel.....Francis, Canada
 Swinford, Aurabelle.....The Dalles

Tickson, Ruby.....Butte, Montana
 Tuttle, Elizabeth.....Seattle, Wash.
 Voge, Phyllis.....Portland
 Vogel, Winifred.....The Dalles
 Wallace, Ida.....Toledo

Wilbur, Mary.....Swishshome
 White, Joy.....Wasco
 Wright, Dorothy.....Eugene
 Young, Maybell.....Baker

DEGREE STUDENTS (Graduate Nurses)

Alley, Nettie.....St. Helens
 Cowell, Mary S.....Portland
 Darby, Margaret.....Portland
 Giles, Mary L.....Salt Lake City, Utah
 Granberg, Margaret.....Portland
 Johnsen, Verna.....Portland
 Perry, Winifred.....Portland

Peterson, Helen.....Portland
 Powell, Evelyn.....Portland
 Powell, Katherine.....Portland
 Robins, Alice.....Portland
 Sanders, Irene C.....Albany
 Young, Nova.....Salem

SPECIAL STUDENTS

Dolese, Leona.....Salem
 Hall, Dorothy.....Portland
 Hinegardner, Ruth.....McMinnville
 Johnston, Mae.....Salem

Patterson, Elouise.....Lacomb
 Roe, Madeleine.....Eugene
 Singer, Ida.....Portland

GRADUATE STUDENTS

Kerby-Miller, Sally.....Portland

Marco, Nora Mary.....Portland

NURSING EDUCATION—SUMMER 1939

ADVANCED CERTIFICATE STUDENTS

Alley, Nettie.....St. Helens
 Black, May.....Glendale, Utah
 Brown, Florence L.....Portland
 Brown, Valeria.....Borger, Texas
 Burns, Geraldine.....Astoria
 Curry, Olive.....Medford
 Denney, M. Ruth.....Beaverton
 Diehl, Jessie.....La Grande
 Dobmeier, Mary Ann.....Salt Lake City, Utah
 Fuchs, Margaret E.....Clarkston, Wash.
 Garrison, Ethel M.....Portland
 Gartin, Electa.....Caldwell, Idaho
 Giles, Mary Lillian.....Salt Lake City, Utah
 Grebe, Gail V.....Portland
 Greenwood, LaVon.....Monroe, Utah
 Hanley, Napina N.....Boise, Idaho
 Hansen, Barbara L.....St. Helens
 Haws, Ruth C.....Salt Lake City, Utah
 Hersh, Marian Ruth.....Salt Lake City, Utah
 Huston, Faye E.....Portland
 Jackson, Marjorie.....Portland
 Johnson, Amy.....Klamath Falls
 Johnston, Marjorie A.....Albany
 Jones, Mable R.....Lehi, Utah
 Laux, Katherine.....Salt Lake City, Utah
 Lindberg, Elsie.....Sun River, Mont.

Maskey, Lucille.....Multnomah
 Mauris, Anne.....Rainier
 McDonald, Ellen.....Salt Lake City, Utah
 McGrath, Ollie Fay.....Star, Idaho
 McIntosh, Mary Cedlia.....Couer d'Alene, Idaho
 Mehle, Jane.....Pueblo, Colo.
 Murray, Patricia L.....Pullman, Wash.
 Palm, Florence.....Wheeler
 Paulin, Florence E.....Salem
 Pehrson, Phyllis.....Logan, Utah
 Peters, Frances.....Whitehall, Mont.
 Plett, Erma.....Portland
 Sayles, Pearl V.....Tucson, Ariz.
 Schaefer, Helen K.....Havre, Mont.
 Schuler, Loretta T.....Nampa, Idaho
 Skinner, Bernice B.....Aurora
 Struthers, Annis.....Portland
 Urban, Lillian.....Hingham, Mont.
 Vale, Lucille.....Medford
 Vergeer, Joan.....Portland
 Walker, Harriet.....Portland
 Welch, Freddy-Jane.....Fossil
 Williams, Cleo.....Charleston
 Yocom, Elizabeth.....Eugene

GOOD SAMARITAN HOSPITAL

Oosterhoff, Suzanne.....Lowell, Wash.
 Stark, Bernice.....Aberdeen, Wash.

Voss, Merle A.....Albany

MULTNOMAH COUNTY HOSPITAL

Bates, Helen.....McMinnville
 Brown, Marjorie.....Hollywood, Calif.
 Chuinard, LaVada.....Kelso, Wash.
 Cline, Betty.....Forest Grove
 Croeni, Clarene.....The Dalles

DeMoss, Phyllis.....Portland
 deWitt, Winnifred.....Portland
 Durk, Virginia.....Kimberly, Idaho
 Eivers, Jean.....Portland
 Elder, Lois Mae.....North Bend

Farnsworth, E. Jane.....	Oregon City	Peters, Elizabeth.....	Clackamas
Graham, Jean.....	Ontario	Pett, Norma.....	Sumner
Graham, Margaret.....	Portland	Reid, Audrey.....	Portland
Haage, Helen.....	Forest Grove	Robinson, Dorothy.....	Portland
Hayden, Chesta.....	Springfield	Schrouder, Ruth.....	Corvallis
Hayes, Doris.....	Salem	Scott, Ruth.....	Portland
Hea, Harriet.....	Bozeman, Mont.	Seely, Dorothea.....	Scappoose
Hoffman, Margaret.....	Redmond	Spencer, Gretchen.....	Salem
Holcomb, Henrietta.....	Eugene	Stout, Alice Mae.....	Corvallis
Hollen, Reta.....	Condon	Summerton, Frances.....	Ashland
Holstine, Marian.....	St. Helens	Swango, Florence.....	Eugene
Howell, Shirley.....	Clackamas	Taylor, Mary K.....	Eugene
Howser, Ruth.....	Portland	Thomas, Charlot.....	Corvallis
Huffman, Zoe.....	Albany	Todd, Vera.....	Portland
Marshall, Betty Jane.....	Portland	Washburn, Mary Ellen.....	Milwaukie
Maynard, Ruth P.....	Idaho Falls, Idaho	Weber, Doris L.....	Hillsboro
McConnell, Agnes.....	Portland	Wiesendanger, Alice.....	Bonneville
McRay, Harriet Ann.....	Myrtle Point	Wilson, Bernice.....	Forest Grove
Melzer, Norma.....	Moro	Zimmer, Esther.....	Portland
Olson, Ruby.....	North Bend		

DOERNBECHER HOSPITAL

Brewer, Vernita.....	Silverton	McPherson, Caroline.....	Seaside
Cartwright, Eunice.....	Tacoma, Wash.	Moe, Arlyn.....	Mekama
Chrisman, Maxine.....	Scio	Morris, Marjorie.....	Portland
Cooney, Alice.....	Hermiston	Neill, Doris.....	Portland
Darby, Merwyn.....	Portland	Olsen, Marian.....	Woodson
Eby, Helen.....	Portland	Peddicord, Janice.....	Hughenden, Canada
Ferrell, Katherine.....	Bend	Phillips, Eugenia.....	Portland
Geise, Leona Mae.....	Nampa, Idaho	Pluhovoy, Elvira.....	Rathdrum, Idaho
Groshong, Helen.....	White Salmon, Wash.	Ratcliff, Bernice.....	Toledo, Wash.
Hall, Dorothy.....	Hinton, W. Va.	Reddy, Mary Elizabeth, San Francisco, Calif.	
Hanson, Opal Jean.....	Portland	Richard, Audrey.....	Portland
Hawkins, Joan.....	Ilwaco, Wash.	Roth, Emma.....	Vancouver, Canada
Hennigh, Ella.....	Corvallis	Russell, Ellen.....	Averys, Calif.
Hildeman, Jane.....	Portland	Schlarbaum, Mary.....	Pilot Rock
Houghton, Lucy Ellen.....	Klamath Falls	Simpson, Dorothy.....	Ladysmith, Canada
Johnson, Edith.....	Portland	Swensen, Charlotte.....	Portland
Lundy, Anne.....	Portland	Tellefson, Fern.....	Corvallis
Mapes, Alice Lee.....	Clatskanie	Ulen, Ardis.....	Portland
McNiece, Mary.....	Yakima, Wash.	Young, Pauline.....	Portland

DEGREE STUDENTS (Graduate Nurses)

Klingman, Vera.....	Salt Lake City, Utah	Webster, Catherine.....	Portland
Larsen, Jennie.....	Salt Lake City, Utah	Sanders, Irene.....	Portland

SPECIAL STUDENTS

Hinegardner, Ruth.....	McMinnville	Marsh, Dorothy-Jane.....	Portland
Martin, Katherine.....	Tigard	Perozzi, Lucille.....	Portland

Summary of Enrollment and Degrees 1939-40

SUMMARY OF ENROLLMENT, MEDICAL SCHOOL, 1939-40

	Men	Women	Total
First Year	67	2	69
Second Year	53	3	56
Third Year	63	2	65
Fourth Year	46	4	50
Total, Regular Students	239	11	240
Graduate	9	9	18
Special and Auditors	3	2	5
Total	241	22	263

SUMMARY OF ENROLLMENT, NURSING EDUCATION, 1939-40

Advanced Certificate Students:	
Public Health Nursing	81
Obstetrical Nursing	2
Nursing Supervision	1
Students in Hospital Schools:	
Multnomah Hospital	78
Doernbecher Hospital	119
Degree Students (Graduate Nurses)	13
Special and Auditors	7
Graduate Students	2
Total	303

SUMMARY OF ENROLLMENT, SUMMER COURSE IN NURSING, 1939

Public Health Nursing	50
Students in Hospital Schools	90
Degree Students (Graduate Nurses)	4
Special and Auditors	4
Total	148

SUMMARY OF DEGREES AND CERTIFICATES GRANTED

Medicine*	
Doctor of Medicine	49
Nursing Education†	
Bachelor of Arts	4
Bachelor of Science	29
Certificate in Public Health Nursing	49
Certificate in Obstetrical Nursing	2

* Does not include bachelor's degrees granted by the University, the State College, or other institutions to students completing their undergraduate work at the Medical School, or advanced degrees conferred through the Graduate Division for study done at the Medical School.

† Does not include Registered Nurse Certificates granted by the hospital schools.

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