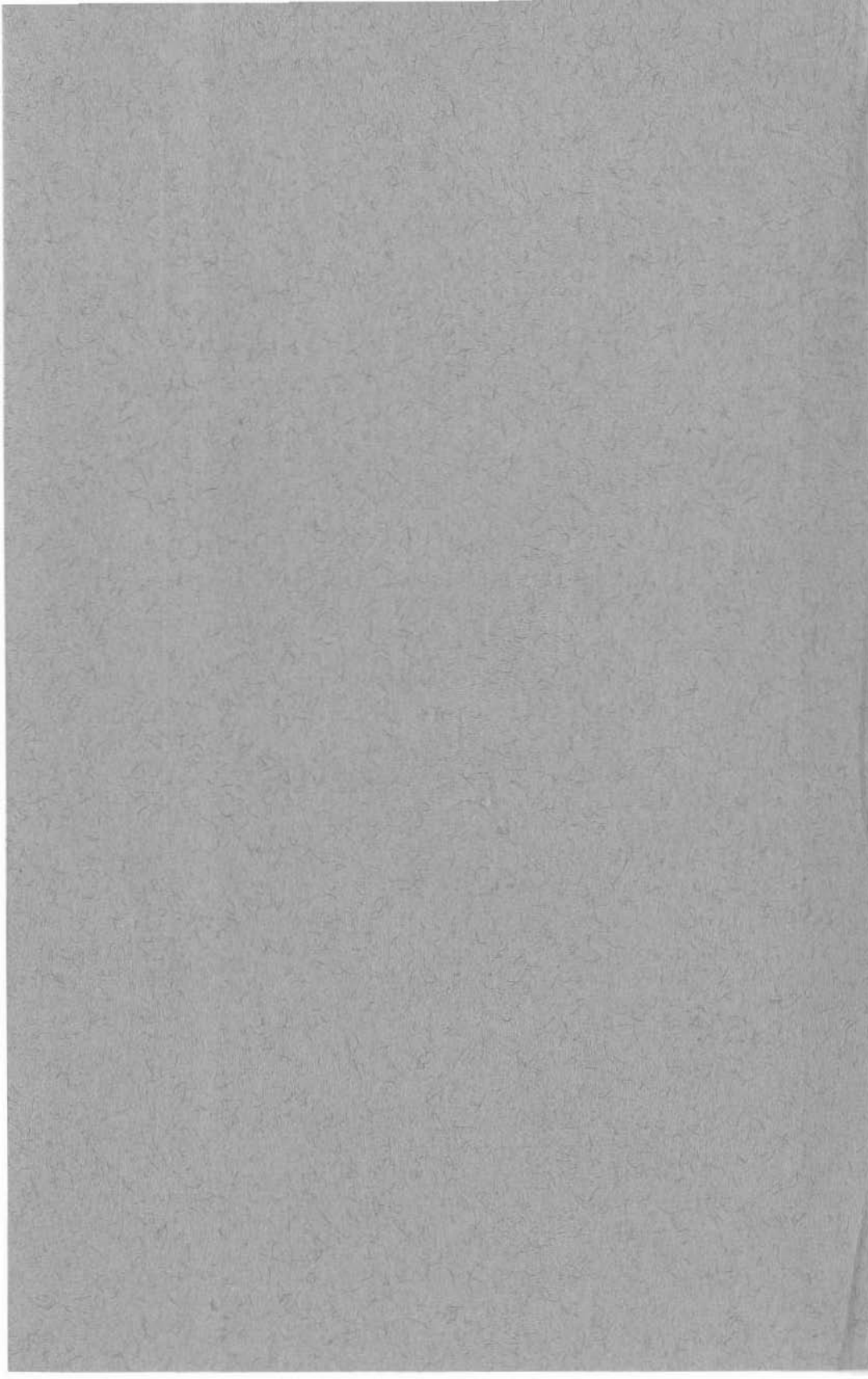


OREGON
State System of
Higher Education
BULLETIN



University of Oregon
Medical School
Catalog Issue
1938-39

Portland, Oregon



UNIVERSITY OF OREGON
MEDICAL SCHOOL

CATALOG
1938-39



PORTLAND, OREGON

Oregon State System
of Higher Education
BULLETIN

Issued Monthly

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Higher Education

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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 Normal School at Monmouth, the Southern Oregon Normal School at Ashland, and the Eastern Oregon Normal School 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 normal schools general and professional studies are combined in the teacher-training curriculum. At the Southern Oregon Normal School and the Eastern Oregon Normal School students who do not plan to become elementary school teachers may devote their time exclusively to studies in the liberal arts and sciences.

At the University and the State College two years of unspecialized 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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1938

ACADEMIC CALENDAR

June

S	M	T	W	T	F	S
---	---	---	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	---	---

July

S	M	T	W	T	F	S
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3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	---	---	---	---	---	---

August

S	M	T	W	T	F	S
---	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	---	---	---

September

S	M	T	W	T	F	S
---	---	---	---	1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	---

October

S	M	T	W	T	F	S
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2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	---	---	---	---	---

November

S	M	T	W	T	F	S
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20	21	22	23	24	25	26
27	28	29	30	---	---	---

December

S	M	T	W	T	F	S
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Fall Term, 1938-39

September 26 to 30, *Monday to Friday*.....Comprehensive examinations for first- and second-year students

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

October 3, *Monday*.....Registration

October 4, *Tuesday*.....Instruction begins

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

November 24, *Thursday*.....Thanksgiving Day, a holiday

December 23, *Friday*.....Fall term ends

December 24 to January 2, *Saturday to Monday*.....Christmas vacation

Winter Term, 1938-39

January 3, *Tuesday*.....Instruction begins for medical students

January 3, *Tuesday*.....Registration for nursing students

March 16, *Thursday*.....Winter term ends

MEDICAL SCHOOL

1939

January

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	---	---	---	---

February

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	---	---	---	---

March

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	---

April

S	M	T	W	T	F	S
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	---	---	---	---	---	---

May

S	M	T	W	T	F	S
---	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	---	---	---

June

S	M	T	W	T	F	S
---	---	---	---	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	---

July

S	M	T	W	T	F	S
---	---	---	---	---	1	---
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	---	---	---	---	---

Spring Term, 1938-39

March 17, *Friday*.....Instruction begins for medical students

March 17, *Friday*.....Registration for nursing students

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

June 3, *Saturday*.....Spring term ends

June 4, *Sunday*.....Commencement

Summer Term, 1939 (Nursing Education)

June 19, *Monday*.....Registration

June 20, *Tuesday*.....Instruction begins

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

August 30, *Wednesday*.....Summer term ends

Fall Term, 1939-40

October 2, *Monday*.....Registration

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.

JAMES CHARLES ELLIOTT KING, M.D., Emeritus Professor.
GEORGE FLANDERS WILSON, M.D., Emeritus Professor.
ALBERT EDWARD MACKAY, M.D., C.M., F.A.C.S., Emeritus Professor.

Basic-Science Departments

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WILLIAM FITCH ALLEN, Ph.D., Professor; Head of Department.
OLOF LARSELL, Ph.D., Professor.
ARTHUR C. JONES, M.D., Associate.
JOHN B. PRICE, Ph.D., Instructor.
JOHN F. BARNES, M.S., Instructor.
THEODORE M. LUNDY, B.A., Student Assistant.
PAUL KELLER, B.A., Research Assistant.
LEO LYMP, B.S., Research Assistant.
KATHERINE L. SHAW, M.A., Technician.

BACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

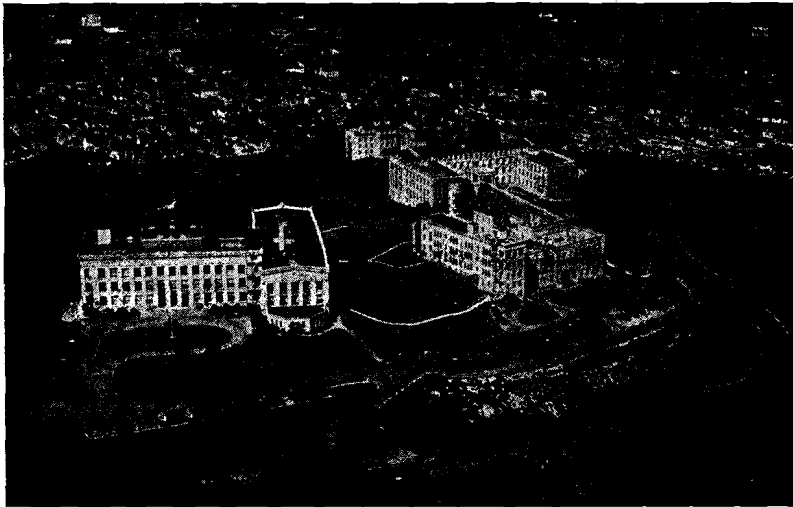
HARRY JOHNSON SEARS, Ph.D., Professor; Head of Department.
ADOLPH WEINZIRL, M.D., Clinical Professor.
WILLIAM LEVIN, D.P.H., Instructor.
LEWIS JORDAN, M.D., Clinical Instructor.
FREDERICK DAVID STRICKER, M.D., Lecturer.
LYLE VEAZIE, A.B., M.A., Graduate Assistant.
NICHOLAS P. SULLIVAN, B.S., M.S., Graduate Assistant.
HUBERT A. HICKEY, Technician.

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WILBERT R. TODD, Ph.D., Assistant Professor.
ALLEN E. PRIEST, B.S., Student Assistant.
PAUL G. HAFNER, M.A., Student Assistant.
JOSEPH E. SCOTT, M.A., Research Assistant.

PATHOLOGY

FRANK RAYMOND MENNE, M.D., Professor; Head of Department.
WARREN CLAIR HUNTER, M.D., Associate Professor.



Above: Aerial view of Medical School campus. At left, Medical School Building; first building at right, Doernbecher Memorial Hospital for Children; behind Doernbecher Hospital, Multnomah County Hospital; connecting Doernbecher and Multnomah hospitals, Outpatient Clinic; in the background, Nurses' Home.

Below: Medical School Building.



HENRY HADLEY DIXON, M.D., Clinical Professor.
 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.
 KARL HENRY MARTZLOFF, M.D., Instructor.
 CHARLES HENRY MANLOVE, M.D., Clinical Instructor.
 DAVID G. MASON, M.D., Clinical Instructor.
 JOSEPH A. BEEMAN, M.D., Resident.
 C. BURLING ROESCH, M.D., Resident.
 RUSSELL S. JONES, B.A., Noble Wiley Jones Fellow.
 ETHEL L. MARTIN, Stenographer.
 LILLIAN EKSTROM, Technician.
 ELLIS A. SIMMONS, Museum Technician.

PHARMACOLOGY

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 LEE WASHINGTON DICKINSON, M.D., Instructor.
 BEN VIDCOFF, M.D., Clinical Instructor.
 HERMAN VEHS, B.S., Research Assistant.
 FRANK SUTTON, Technician.

PHYSIOLOGY

*GEORGE EMANUEL BURGET, Ph.D., Professor; Head of Department.
 HANCE F. HANEY, Ph.D., M.D., Assistant Professor.
 CARLETON PARISH PYNN, M.S., M.D., Instructor.
 WILLIAM B. YOUMANS, Ph.D., Instructor.
 WILLARD C. ROLEY, B.S., Student Assistant.
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MILITARY SCIENCE AND TACTICS

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

Clinical Departments

MEDICINE

Internal Medicine

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 NOBLE WILEY JONES, M.D., Clinical Professor.
 THOMAS HOMER COFFEN, M.D., Clinical Professor.
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 RALPH CHARLES MATSON, M.D., Associate Clinical Professor.
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 ISIDOR CHERNIAC BRILL, M.D., Assistant Clinical Professor.
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 JOHN HAROLD FITZGIBBON, M.D., Assistant Clinical Professor.
 FRANK REID MOUNT, M.D., Assistant Clinical Professor.

* Deceased June 5, 1938.

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 RALPH HAYES, Technical Assistant.

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 H. L. FREWING, M.D., Clinical Instructor.
 E. G. ROBINSON, M.D., Clinical Instructor.
 ELDON G. CHUINARD, M.D., Instructor.
 FRANK PACKARD, M.D., Resident.
 GEORGE BRADFORD PEASE, M.D., Assistant Resident.
 RICHARD H. HUMPHREYS, M.D., Assistant Resident.

Orthopaedic Surgery

RICHARD BENJAMIN DILLEHUNT, M.D., Clinical Professor.
 OTIS FRANKLIN AKIN, M.D., Associate Clinical Professor.
 CHARLES RICHARD McCLURE, M.D., Associate 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.
 A. GURNEY KIMBERLEY, M.D., Clinical Instructor.
 JOHN F. ABELE, M.D., Resident.

Ophthalmology

FREDERICK ANDREWS KIEHLE, M.D., Professor; Head of Department.
 WILSON JOHNSTON, M.D., Assistant Clinical Professor.
 AUGUSTUS BERTRAM DYKMAN, M.D., Assistant Clinical Professor.
 CLINTON TYNG COOKE, M.D., F.A.C.S., Assistant Clinical Professor.
 HARRY MONROE HENDERSHOTT, M.D., Assistant Clinical Professor.
 ANDREW JOHNSON BROWNING, M.D., Assistant Clinical Professor.
 IRA EARL GASTON, M.D., Clinical Instructor.
 CANFIELD BEATTIE, 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.
 HARRISON D. HUGGINS, M.D., Clinical Instructor.
 SQUIRE S. BOZORTH, M.D., Clinical Instructor.
 E. A. UNDERWOOD, M.D., Clinical Instructor.
 WILBUR M. BOLTON, M.D., Clinical Instructor.
 EDGAR MERLE TAYLOR, M.D., Instructor.
 WILFORD H. BELKNAP, M.D., Clinical Instructor.
 FLOYD L. DUNNAVAN, M.D., Clinical Instructor.
 GEORGE H. HENTON, M.D., Clinical Fellow.
 CLARENCE A. DARNELL, M.D., Resident.

Otology, Rhinology, and Laryngology

RALPH ALBERT FENTON, M.D., Professor; Head of Department.
 FRANK B. KISTNER, M.D., Clinical Professor.
 RALPH FERRIEN DAVIS, M.D., Clinical Professor.
 CHARLES THOMPSON CHAMBERLAIN, 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.
 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.
 PAUL BAILEY, M.D., Clinical Instructor.
 WILBUR M. BOLTON, M.D., Clinical Instructor.
 HARRISON DOUGLAS HUGGINS, M.D., Clinical Instructor.
 CANFIELD BEATTIE, M.D., Clinical Instructor.
 MAX SIMONS, M.D., Clinical Instructor.
 SQUIRE 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.
 CLIFFORD KUHN, M.D., Clinical Fellow.
 FRED W. BECK, M.D., Resident.

Urology

JOHN GUY STROHM, M.D., Clinical Professor; Head of the Division.
 HENRY WELLAND HOWARD, M.D., Assistant Clinical Professor.
 FRANKLIN PARADISE JOHNSON, Ph.D., M.D., Assistant Clinical Professor.
 JOHN R. HAND, M.D., Assistant Clinical Professor.
 F. FLOYD SOUTH, M.D., Clinical Instructor.

JOHN GARDNER CHEETHAM, M.D., Clinical Instructor.
 HAROLD L. BLOSSER, M.D., Clinical Instructor.
 WARREN E. NIELSEN, M.D., Clinical Fellow.
 PHILIP B. POTAMPA, M.D., Junior Clinical Fellow.

Anaesthesiology

JOHN H. HUTTON, M.D., Instructor.
 NORVAL HAMILTON, M.D., Resident.

OBSTETRICS AND GYNECOLOGY

RAYMOND EDWARD WATKINS, M.D., F.A.C.S., Professor; Head of Department.
 FRANK RAYMOND MENNE, M.D., Professor.
 ALBERT MATHIEU, M.D., Associate Clinical 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., Clinical Associate.
 ROBERT LINDSAY McARTHUR, M.D., Clinical Instructor.
 W. R. FRAZIER, M.D., Clinical Instructor.
 MARTIN SIGMUND SICHEL, M.D., Clinical Instructor.
 JACK DOWSETT, M.D., Clinical Instructor.
 GUNNAR E. C. NELSON, M.D., Clinical Instructor.
 RODERICK C. BLATCHFORD, M.D., Clinical Instructor.
 DELMAR MITCHELSON, M.D., Clinical Instructor.
 CLIFFORD FEARL, M.D., Assistant Resident.
 KENNETH J. SCALES, 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., Assistant Clinical Professor.
 NELSON WALLACE MERCIER, M.D., Clinical Instructor.
 CARL ASHLEY, M.D., Clinical Instructor.
 SCOTT GOODNIGHT, M.D., Clinical Instructor.
 JOSEPH LIPSHULTZ, M.D., Clinical Instructor.
 ROBIN OVERSTREET, M.D., Clinical Fellow.
 LOWELL E. McALEER, M.D., Resident.
 WERNER E. ZELLER, 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; Professors 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—David W. E. Baird, Edward S. West, the Registrar of the Medical School (ex officio).

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, 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—Hance F. Haney (chairman), Norman A. David, Harry J. Sears, David W. E. Baird.
Internships—Warren C. Hunter (chairman), Noble Wiley Jones, Ralf Couch.
Henry Waldo Coe Prize—Harry J. Sears, Laurence Selling.
Committee on Scholarships—Edward S. West (chairman), Frank R. Menne, Ralf Couch, Elnora E. Thomson (Department of Nursing).

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 KIRSENER, Assistant Librarian.

BUSINESS OFFICE

RALF COUCH, A.B., Business Manager.
 BEATRICE PETERS, Office Manager.

TELEPHONE EXCHANGE

IDA B. LUKE, Head Telephone Operator.

BUILDINGS 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 E. 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 Syphilology Services.
 ARTHUR W. CHANCE, D.D.S., M.D., Chief of Dental Medical Service.
 RICHARD BENJAMIN 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.
 MAURICE F. GOURLEY, 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.

GEORGE J. BRACHER, M.D., Radiologist.
 FRANK R. MENNE, M.D., Pathologist.
 MAURICE F. GOURLEY, M.D., Clinical Laboratories.
 ARTHUR C. JONES, M.D., Physical Therapist.

RUFINA McDONALD, R.N., Admitting and Medical Records.
 MABEL McELLAGOTT, R.N., Surgery Supervisor.
 NELLIE WEBB, M.A., Dietitian.
 JOSEPHINE BENNETT, R.N., Supervisor.
 ARLIE MOORE, 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.

GEORGE J. BRACHER, M.D., Radiologist.
 RALPH HAYES, B.S., M.T., Chief X-ray Technician.
 MAURICE F. GOURLEY, 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.
 MARJORIE ALBERTS, R.N., Physical Therapy Technician.
 JOHN H. HUTTON, M.D., Anesthetist.
 MARY E. STARKWEATHER, B.A., R.N., Supervisor of Nurses.
 AMELIA FEARY, M.S., R.N., Supervisor Social Service.
 JAMES C. SHIRLEY, Ph.G., Pharmacist.
 ETTA MCOMBER, Admitting Officer.
 LAURA MARTIN, R.N., R.R.L., Record Librarian.

Multnomah Hospital Unit

HARRY R. CLIFF, M.D., Director.
 EMMA E. JONES, R.N., Superintendent.
 VERNA JOHNSON, R.N., Assistant Superintendent.

GEORGE J. BRACHER, M.D., Radiologist.
 FRANK R. MENNE, M.D., Pathologist.
 JOHN H. HUTTON, M.D., Anaesthetist.
 ARTHUR C. JONES, M.D., Physical Therapist.

LINDA A. EICKMAN, R.N., Supervisor of Nurses.
 ESTHER SCOTT, R.N., Surgery Supervisor.
 DORRIS HARRIS, R.N., Admitting Department.
 EDNA TATRO, R.N., Medical Records.
 EDNA CARL, Dietitian.
 HERMAN SCHROEDER, Ph.C., B.S., Pharmacist.

Visiting Physician Service

HARRY R. CLIFF, M.D., Multnomah County Physician.
 ORRIN A. HESS, M.D., Physician.
 RANDALL WHITE, M.D., Physician.
 HAROLD DOBBINS, M.D., Physician.
 KATHERINE MOLLENHAUER, 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.
 ALLEN EAST, Social Service.
 EUGENIA GASSER, 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 with its various branches, surgery with its various branches, obstetrics, gynecology, and pediatrics; and the Department of Nursing Education.

Location

PORTLAND (population 301,815), 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 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 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. It houses the preclinical departments.

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 F. S. Doernbecher. This gift was augmented by individual gifts totaling \$120,000. The hospital, containing 80 beds for children, is located on the Medical School campus. 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.

Clinical and Special Facilities

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

Multnomah County Hospital. The first unit of the Multnomah County Hospital, erected on the Medical School campus, 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 People's 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.

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, St. Vincent's Hospital, Emanuel Hospital, Portland Medical Hospital, Shriners' Hospital for Crippled Children, Waverly Baby Home, Albertina Kerr Nursery, Contagious Hospital, and the State Hospital for the Insane.

Autopsy Service and Pathological Museum. Under a contractual agreement with the Multnomah County commissioners, the Department of Pathology of the Medical School is designated to perform and record all coroner's autopsies. Approximately 400 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 25,000 volumes and receives 350 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, which was presented to the school by Dr. Sommer in March 1933.

A new medical library building is to be constructed through gifts made by Dr. John E. Weeks and the Rockefeller Foundation. The building will cost \$200,000.

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.

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; and the twelfth in 1938, by Dr. Eugene M. Landis, assistant professor of medicine, University of Pennsylvania.

Admission and Requirements

APLICATION for admission should be made not later than July 1. The list of matriculants must be completed early in July. It is therefore impossible to consider applications submitted after July 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 thirty days 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:

	Term Hours
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 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. Students who are not candidates for the degree of Doctor of Medicine may register as special students in courses in fundamental laboratory branches of medical science for which they are prepared. Special students possessing the degree of Bachelor of Arts or Bachelor of Science and other qualifications in point of experience may be admitted to clinical lecture courses 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 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.

Admission with 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. Second-year students are required, in addition, to pass a general correlating examination at the end of the year. Students failing to qualify for promotion at the end of the spring term are given an opportunity to write the examination again in the fall. Students failing to qualify for promotion in the fall examination are subject to Promotion Board action.

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. M.D. degrees earned at the Medical School are conferred by the University of Oregon. All candidates for degrees are expected to be present at the University 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

FEEES 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.....	\$95.00
Nonresident tuition and laboratory fee, per term.....	\$115.00
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

DEPOSITS

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

SPECIAL FEES

² Fees for special students.....	\$5.25 per term
Graduation fee.....	6.50
Includes \$2.00 alumni dues.	
Late-registration fee.....	\$1.00 to \$5.00
⁶ 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
⁷ 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.	

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

² Students working toward graduate degrees (M.A., M.S., Ph.D.), part-time special students, and summer-session students do not pay the building fee.

³ Graduate students do not pay the nonresident fee, the building fee, or the breakage deposit.

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.

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 \$5.25

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 nonlaboratory courses, and \$5.25 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.

(4) Students in summer sessions.

Fellowships, Scholarships, and 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 and is awarded annually to a medical student on the basis of scholastic ability, training in pathology, and interest in the work.

Henry Waldo Coe Prize. This prize, founded in 1929, is awarded annually to a 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.

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. The 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. Awards of State Scholarships to students at the Medical School are 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 June 15.

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 1938-39 are:

DR. HARRY S. IRVINE.....	President
DR. THOMAS D. ROBERTSON.....	First Vice-President
DR. DAVID J. LAWSON.....	Second Vice-President
DR. ROBERT R. BELKNAP.....	Third Vice-President
DR. WILLIAM P. CHISHOLM.....	Fourth Vice-President
DR. WILBUR M. BOLTON.....	Secretary
DR. JAMES E. BUCKLEY.....	Treasurer

Curriculum in Medicine

THE curriculum in medicine requires a total of seven years' work beyond high school. The first three years, as indicated above, 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 4,416 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

	First Year	Aggregate hours			Term hours
		Lecture	Lab.	Clin-ic	
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 411..... 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, 512..... Pathology	66	198	264	12
Phc 511, 512..... Pharmacology	110	66	176	12
Phy 412, 413..... Physiology	66	132	198	10
Med 611..... Medicine (Recitations)	22	.....	22	2
Med 612, 613, 614..... Medicine (Phys. Diag.)	44	.....	44	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, 415, 416..... Military	33	.....	33	3
	429	561	44, 1,034	58

	Third Year	Aggregate hours			Term hours
		Lecture	Lab.	Clin-ic	
BACTERIOLOGY:					
Bac 511..... Principles of Public Health	22	.....	22	1	
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 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	
Sur 615..... Physiotherapy	11	.....	11	½	
Orp 611..... Orthopaedics	22	.....	22	1	
Orp 612, 613..... Surgery of Extremities	.....	.....	44	44	2
OPHTH., OTOL., RHIN., LARYN.:					
Eye 611..... Opth. 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 days' service in hospital	.....	.....	11	11	½
Obs 615..... Manikin	22	.....	22	1	
GYNECOLOGY:					
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	33	1½
Ped 617..... Clerkships	.....	.....	22	22	1
Ped 618..... Physical Diagnosis	.....	.....	11	11	½
	616	44	462	1,122	58½
Fourth Year					
PATHOLOGY:					
Pth 611..... Autopsy Clinic	.....	.....	22	22	1
Pth 612..... Clin. Path. Conf.	.....	.....	22	22	1

		Aggregate hours			Term hours
		Lecture	Lab.	Clinic Total	
PHARMACOLOGY:					
Phc 513.....	Toxicology	5		5	½
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 651.....	Medical Jurisprudence	11		11	½
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
Med 659.....	Electrocardiography	11		11	½
Med 661.....	Medical Economics	11		11	½
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., LABYN.:					
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
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
		115	946	1,061	48½

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	616	44	462	1,122	58½
Fourth Year	115		946	1,061	48½
	1,501	1,463	1,452	4,416	222½

PRESCRIBED WORK BY DEPARTMENTS

Preclinical	Aggregate of hours
Anatomy	704
Bacteriology and Hygiene	220
Biochemistry	231
Physiology	297
Pharmacology	176
Pathology	284
Military Science	66
Total hours, preclinical	1,958
Clinical	
Pathology	99
Pharmacology	5
Medicine:	
General Medicine (including Preventive Medicine).....	776
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	2,458
Total hours prescribed work	4,416

Course-Numbering System

THE Medical School uses the uniform course-numbering system of the Oregon State System of Higher Education. This numbering system, as it applies to 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.** Three terms, 6 hours fall, 8 hours winter, and 4 hours spring.
Lectures and quizzes, 3 hours; laboratory, 9 hours; 396 hours. Drs. Larsell, Price, and Jones, and assistants.
- An 414. **Histology and Organology.** Fall term, 6 hours.
Lectures and quizzes, 3 hours; laboratory, 9 hours; 132 hours. Dr. Larsell and assistants.
- An 415. **Embryology.** Winter term, 4 hours.
Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.
- An 511. **Neurology and Organs of Special Senses.** Spring term, 4 hours.
Prerequisites: An 411-415. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.

ELECTIVE COURSES

- An 416. **Microscopic Technique.** Winter term, 2 hours.
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 term, hours to be arranged.
Prerequisites: An 414, 415. Laboratory, 6 hours or less. Limited to twenty students. Dr. Larsell.
- An 513. **Topographical Anatomy.** Spring term, 1 or 2 hours.
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.
Limited to available material. Prerequisites: An 411, 412, 413.
- An 516. **Mechanism of the Central Nervous System Studied from Lesions.** Fall term, 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 term, hours to be arranged.
Lectures, conferences, and laboratory. Dr. Larsell.
- An 611. **Applied Anatomy.** Spring term, 2 hours.
Prerequisites: An 411, 412, 413. Lecture and demonstration, 1 hour; 22 hours. Limited to fifteen students.

BACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

REQUIRED COURSES

FIRST YEAR

- Bac 413. **Medical Bacteriology and Immunology.** Spring term, 6 hours.
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.** Fall term, 4 hours.
Lectures and recitations, 2 hours; laboratory, 4 hours; 88 hours. Drs. Sears and Levin, and Mr. Sullivan.

THIRD YEAR

- Bac 511. **Principles of Public Health.** Winter term, 1 hour.
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, 2 hours; 22 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.** Any term, 1 hour each 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 and credits to be arranged.
A course for medical, special, and graduate students who wish to pursue any phase of the subject beyond Bac 411. Dr. Sears.

BIOCHEMISTRY**REQUIRED COURSES****FIRST YEAR**

BCh 411, 412. **Biochemistry.** Fall and winter terms, 11 hours (total).
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 512. **Advanced Biochemistry.** Spring term, 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.** Fall term, 6 hours.
A course in general pathology; 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.** Winter term, 6 hours.
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Dr. Hunter and assistants.

THIRD YEAR

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

Pth 515. **Laboratory Neuropathology.** Fall term, 1 hour.
This is a continuation of Ps 611, and 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, Menne, Hunter, and assistants.

FOURTH YEAR

Pth 611. **Autopsy Clinic.** Spring term, 1 hour.
Studies of autopsies, including presentation of clinical history. Two hours; 22 hours. Drs. Hunter and Gatewood.

Pth 612. **Clinical Pathological Conference.** Three terms, 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.

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 term, 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.** Winter term, 6 hours.
Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. David and Dickinson.

Phc 512. **Systematic Pharmacology and Pharmacodynamics.** Spring term, 6 hours.
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.** Spring term, ¼ hour.
Lectures and quizzes, 1 hour for 5 weeks; 5 hours. Dr. David.

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.** Spring term, 2 hours.
Open to third- and fourth-year students; 2 hours; 22 hours. Dr. David.
- Phc 514. **Toxicological Analysis.** Spring term, 2 hours.
(Second year.) Lectures and quizzes, 1 hour; laboratory, 3 hours; 44 hours. Limited to sixteen students. Dr. David.

PHYSIOLOGY

REQUIRED COURSES

FIRST YEAR

- Phy 411. **Blood, Circulation, and Respiration.** Spring term, 5 hours.
Prerequisites: BCh 411, 412. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, Pynn, and assistants.

SECOND YEAR

- Phy 412. **Digestion, Metabolism, Absorption, Secretion, Excretion, Muscle, and Heat.** Fall term, 5 hours.
Prerequisites: Phy 411. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, Pynn, and assistants.
- Phy 413. **Nervous System and Senses.** Winter term, 5 hours.
Prerequisites: An 411, 412, 413. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, Pynn, and assistants.

ELECTIVE COURSES

- Phy 414. **History of Physiology.** Winter term, 1 hour.
One hour a week. Limited to ten students.
- Phy 501. **Research.** Any term, hours to be arranged.
Dr. Haney.
- Phy 505. **Reading and Conferences.** Any term, hours to be arranged.
Dr. Haney.
- Phy 507. **Seminar.** Any term, hours to be arranged.
- Phy 511. **Physiology of the Glands of Internal Secretion.** Spring term, 2 hours.
Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Limited to eight students.
- Phy 512. **Studies in Metabolism.** Fall term, 2 hours.
This course is 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. Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Dr. Haney.

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).** Three terms, 1 hour each term.
- Mil 414, 415, 416. **Basic Course (Second Year).** Three terms, 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.
- Mil 417, 418, 419. **Advanced Course (Third Year).** Three terms, 1 hour each term.
- Mil 420, 421, 422. **Advanced Course (Fourth Year).** Three terms, 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 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.** Spring term, 6 hours.
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Drs. Osgood and West, and assistants.

- Med 611. **Introduction to Principles of Medicine.** Spring term, 2 hours.
Recitations based on a standard textbook, 2 hours; 22 hours. Drs. Burns, Moore, and Meienberg.
- Med 612, 613, 614. **Physical Diagnosis.** Three terms, 1½ hours fall and winter terms, 3 hours spring term.
Lectures, 44 hours (total); demonstration, 44 hours (total); 88 hours. Drs. Lewis, Osgood, Gourley, and Dahl.

THIRD YEAR

- Med 615, 616. **Medicine Recitations.** Fall and winter terms, 2 hours each term.
Two hours; 44 hours. Drs. Burns, Moore, and Meienberg.
- Med 617, 618, 619. **Clinical Clerkship.** Three terms, 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. Gourley, Osgood, and Lewis.
- Med 620, 621, 622. **Medical Clinic.** Three terms, 2 hours each term.
Multnomah County Hospital. Two hours throughout the year, in sections; 66 hours. Drs. Brill, Gatewood, Mount, Riddle, and Rosenfeld.
- Med 623. **Gastroenterology.** Spring term, 1 hour.
Lecture and conference course, 2 hours; 22 hours. Dr. Fitzgibbon.
- Med 653, 654, 655. **Physical Diagnosis.** Three terms, 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.** Three terms, 2 hours each term.
Four hours throughout the fourth year; 132 hours. Drs. Berger, Burns, Dahl, David, Davis, Diack, Haney, Hollenbeck, Hollingworth, Holman, Keane, Krafft, Lewis, Manville, Miller, Mount, Nelson, Panton, Payne, Perlman, Riddle, Short, Seros, Swett, Thayer, and Underwood.
- Med 627, 628, 629. **Medical Clinic.** Three terms, ½ hour each term.
Multnomah County Hospital. Diseases of the chest. One hour throughout the year; 33 hours. Dr. Matson.
- Med 630. **Contagious Diseases.** Fall term, ½ hour.
Lectures, 1 hour during fall term. 11 hours. Dr. Averill.
- Med 631. **Contagious Diseases. Outpatient Service.** Three terms, 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.** Three terms, ½ hour each term.
Multnomah County Hospital. One hour a week throughout the year; 33 hours. Dr. Sears.

- Med 635. **Tuberculosis Clinic.** One section each term, 1 hour.
Outpatient Clinic. Four hours a week for 5½ weeks, throughout the year, in sections; 22 hours. Drs. Bisailon and Goodman.
- Med 651. **Medical Jurisprudence.** Spring term, ½ hour.
Eleven hours. Drs. Menne, Dillehunt, Stricker, McClure, Bisailon, and Hunter, and the district attorney of Multnomah County.
- Med 659. **Electrocardiography.** Fall term, ½ hour.
Lectures on electrocardiography; 11 hours. Dr. Rush.
- Med 661. **Medical Economics.** Spring term, ½ hour.
Lectures on medical economics; 11 hours. Drs. Dillehunt, Cliff, Fenton, Kiehle, and Mr. Foley and Mr. Couch.

ELECTIVE COURSES

- Med 601. **Research.** Any term, hours to be arranged.
- Med 636. **Diseases of Metabolism and Ductless Glands.** Any term, 1 hour.
Lecture and conference course; 2 hours; 22 hours. Limited to sixteen students. Drs. B. Holcomb and R. Holcomb.
- Med 637. **Diseases of the Kidney.** Winter term, 1 hour.
Lectures and conferences; 2 hours; 22 hours. Limited to twenty students. Dr. Millett.
- Med 638. **Diseases of the Circulation.** Fall term, ½ hour.
Lecture and conference course; 11 hours. Dr. Jones.
- Med 639. **Applied Therapeutics.** Fall term, ½ hour.
(Fourth year.) Lectures and recitations; 11 hours. Dr. Wilson.
- Med 640. **Endocrinology.** Any term, 1 hour.
Two hours; 22 hours. Dr. Rush.
- Med 643. **Minor-Ailments Clinic.** Fall term, ½ hour.
(Fourth year.) Eleven hours. Dr. Goldsmith.
- Med 644. **Differential-Diagnosis Clinic.** Winter term, ½ hour.
(Third year.) Eleven hours. Dr. Goldsmith.
- Med 645. **Cardiac Clinic.** Any term, 1 hour.
(Fourth year.) Outpatient Clinic. Two hours a week for one term; 22 hours. Drs. Goldsmith and Davis.
- Med 646. **Medical Ward Walk.** Any term, ½ hour.
(Third year.) Good Samaritan Hospital. One hour; 11 hours. Limited to fifteen students.
- Med 647. **Diseases of Blood and Blood-Forming Organs.** Spring term, ½ hour.
(Third year.) Lecture; 11 hours. Dr. Riddle.
- Med 649. **Tuberculosis Contact Clinic for Children.** Any term, ½ hour.
(Fourth year.) Eleven hours. Limited to four students. Dr. Allen.

- Med 650. **Diseases of Circulation—Bedside.** Winter term, $\frac{1}{2}$ hour.
(Fourth year.) Eleven hours. Limited to eight students. Dr. Jones.
- Med 658. **Allergic Diseases.** Any term, $\frac{1}{2}$ hour.
(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 662. **Diet and Nutrition.** Winter term, 2 hours.
(Third year.) A course in dietary requirements in health and disease, with special emphasis given to indications and contraindications of particular food factors. An important place is given to the methods of diet calculation and dietary prescription writing. Lectures, 2 hours; 22 hours. Dr. Manville.

NEUROLOGY

REQUIRED COURSES

THIRD YEAR

- Neu 611, 612, 613. **Lectures on Nervous Diseases.** Three terms, $\frac{1}{2}$ hour each term.
One hour throughout the year; 33 hours. Dr. Selling.

FOURTH YEAR

- Neu 614. **Clinic at Outpatient Clinic.** One section each term, $\frac{1}{2}$ hour.
One hour a week for 11 weeks; 11 hours. Dr. Margason.
- Neu 615. **Clinic.** One section each term, $\frac{1}{2}$ hour.
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.** Winter term, 1 hour.

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.** Winter and spring terms, $\frac{1}{2}$ hour each term.
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.** One section each term, 1 hour.
Case demonstration and treatment in clinic. Two hours; 22 hours. Drs. Dixon and Hutchens.
- Ps 619. **Psychoses.** Fall term, $\frac{1}{2}$ hour.
Lectures and demonstrations of various psychoses from the viewpoint of mental mechanism, etiology, symptomatology, diagnosis, and treatment; 11 hours. Dr. Dixon.

ELECTIVE COURSE

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

DERMATOLOGY AND SYPHILOLOGY

REQUIRED COURSES

THIRD YEAR

- Der 611, 612, 613. **Dermatological Clinic.** Three terms, $\frac{1}{2}$ 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.** Fall and winter terms, $\frac{1}{2}$ hour fall term and $\frac{1}{4}$ hour winter term.
(1) Lectures and lantern-slide demonstrations covering histopathology of (a) normal skin, (b) the 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 Labadie.

FOURTH YEAR

- Der 615. **Clinical Lecture and Conference Course.** One section each term. $1\frac{1}{2}$ hours.
Utilization of outpatient material; clinical and microscopic diagnostic procedures; general therapy. Three hours a week for each section for one term; $1\frac{1}{2}$ hours; 33 hours. Drs. Kingery, Labadie, and Illge.
- Der 616. **Syphilis Outpatient Clinic.** One section each term, 2 hours.
Two hours a day, four times for $5\frac{1}{2}$ weeks; 44 hours. Drs. Dahl, Illge, Labadie, Nielsen, Page, and Saunders.

DENTAL MEDICINE

REQUIRED COURSE

THIRD YEAR

- DM 611. **Oral Hygiene and Oral Pathology.** Spring term, $\frac{1}{4}$ hour.
Six lectures. Dr. Chance.

RADIOLOGY

REQUIRED COURSE

THIRD YEAR

Rad 611, 612, 613. **Radiographic Diagnosis.** Three terms, 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.** Any term, ½ hour. (Third year.) Lectures of a practical nature; the principles of radiography, and actual demonstrations of technic; 11 hours. Limited to twenty students. Mr. Johnson.

SURGERY

GENERAL SURGERY

REQUIRED COURSES

SECOND YEAR

Sur 611. **Recitation.** Spring term, 2 hours. Recitations, 2 hours; 22 hours. Drs. Stratford, Howard, and Rosenblatt.

THIRD YEAR

Sur 612, 613. **Recitation.** Fall and winter terms, 1 hour each term. Recitations, 2 hours; 44 hours. Drs. Howard, Stratford, and Rosenblatt.

Sur 615. **Physiotherapy.** Winter term, ½ hour. Lectures and demonstrations; 11 hours. Dr. Jones.

Sur 640, 641, 642. **Clinical Clerkship.** Three terms, 1 hour each term. Multnomah County Hospital. Throughout the year; 66 hours. Drs. Seabrook, Chuinard, and Moore.

Sur 643, 644, 645. **Surgical Clinic.** Three terms, 1 hour each term. Multnomah County Hospital; 2 hours throughout the year, in sections, in connection with clerkships; 66 hours. Drs. Blair, Hand, Hutton, Martzloff, Raaf, and Rippey.

Sur 646, 647, 648. **Clerkship Clinic.** Three terms, ½ hour each term. Conference course, covering surgical clerkship and assignments. Throughout the year, 33 hours. Drs. Seabrook and Moore.

Sur 649. **Operative Surgery.** One section each term, 1 hour. 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.** One and one-half terms, 3 hours (total). Two hours twice a week for one term, and 2 hours twice a week for 5½ weeks; 66 hours. Drs. Adams, Bissett, Caniparoli, Diack, Dodson, Frewing, Howard, Johnsrud, Lind, Marsten, Moore, Nisbet, Rippey, Roberts, Robinson, Rosenblatt, Shiomi, and Thomas.

Sur 620. **Surgical Conference.** One section each term, 2 hours. Four hours a week throughout the year in sections; 44 hours. Drs. Dodson, Kelsey, Livingston, Moore, and Pease.

Sur 621. **General Surgical Clinic.** One section each term, 1 hour. Two hours a week throughout the year, in sections; 22 hours. Dr. Rockey.

Sur 622. **General Surgical Clinic.** One section each term, 2 hours. Four hours a week throughout the year, in sections; 44 hours. Drs. Dodson, Holden, Gambee, Roberts, and St. Pierre.

Sur 623, 624, 625. **General Surgical Clinic.** Three terms, 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.** Spring term, ½ hour. (Third year.) Prerequisite to Sur 628; 11 hours. Drs. Brooke and Black.

Sur 628. **Proctology.** Any term, ½ hour. (Fourth year.) A clinic of diseases of rectum and colon. Prerequisite: Sur 627. Eleven hours. Limited to four students. Drs. Bollam, Smalley, and South.

Sur 630. **Surgical Lesions of the Gastro-Intestinal Tract.** Spring term, ½ hour. (Third year.) Lecture and demonstration course regarding diagnosis, pathology, and treatment; 11 hours. Dr. Bueermann.

Sur 631. **Surgery of the Visceral Nervous System.** Winter term, ½ hour. (Third year.) Lectures and demonstrations; 11 hours. Dr. Livingston.

Sur 632. **Surgical Treatment of Pulmonary Tuberculosis.** Spring term, ½ hour. (Fourth year.) Lectures and demonstrations; 11 hours.

Sur 633. **Pain: Its Relation to Diagnosis.** Winter term, ½ hour. (Third year.) Eleven hours. Dr. Livingston.

Sur 634. **Minor Surgery.** Spring term, ½ hour. (Third year.) Lectures and demonstrations; 11 hours. Dr. Blosser.

Sur 635. **Differential and Regional Neurosurgical Diagnosis and Therapeutics.** Winter term, ½ hour. (Fourth year.) Lectures and demonstrations; 11 hours. Limited to twelve students. Dr. Raaf.

- Sur 636. **Acute Abdominal Lesions.** Spring term, $\frac{1}{2}$ hour.
(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.** Fall term, 1 hour.
Lectures, 2 hours a week; 22 hours. Dr. McClure.
- Orp 612, 613. **Surgery of the Extremities.** Winter and spring terms, 1 hour each term.
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.** Any term, 1 hour.
(Fourth year.) Outpatient Clinic, 2 hours; 22 hours. Limited to eight students. Drs. Blair, Carlson, Lucas, and Chuinard.
- Orp 615. **Orthopaedic Ward Walk.** Any term, 1 hour.
(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 eight students. Dr. Dillehunt.

OPHTHALMOLOGY

REQUIRED COURSES

THIRD YEAR

- Eye 611. **Eye.** Fall term, $\frac{1}{2}$ hour.
Lectures, recitations, and daily quizzes, 1 hour; 11 hours. Dr. Hendershott.

FOURTH YEAR

- Eye 612. **Eye Outpatient Clinic.** One section each term, $1\frac{1}{2}$ hours.
Six hours a week for $5\frac{1}{2}$ weeks throughout the year, in sections; 33 hours. Drs. Beattie, Belknap, Bozorth, Browning, Dykman, Fixott, Gaston, Hendershott, Henton, Huggins, Kiehle, Steiner, and Taylor.
- Eye 613. **Eye.** Spring term, $\frac{1}{2}$ hour.
Lectures, demonstrations, quizzes at each lecture and operative clinic; 11 hours. Dr. Kiehle.

ELECTIVE COURSES

- Eye 614. **Principles and Practice of Refraction.** Winter term, $\frac{1}{2}$ hour.
(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.** Fall term, $\frac{1}{2}$ hour.
(Fourth year.) Injuries and diseases; 11 hours. Limited to four students. Dr. Dykman.
- Eye 616. **Ophthalmoscopic Clinic.** Any term, $\frac{1}{2}$ hour.
(Fourth year.) Multnomah County Hospital; 11 hours. Limited to eight students. Drs. Johnson 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.** Fall term, $\frac{1}{2}$ hour.
Lectures, recitations, and daily quizzes; 11 hours. Dr. Lupton.
- Ent 612. **Ear, Nose, and Throat Outpatient Clinic.** One section each term, $1\frac{1}{2}$ hours.
Practical instruction in examination and treatment of cases; 6 hours, $5\frac{1}{2}$ weeks; 33 hours. Drs. Adix, Bailey, Beattie, Bolton, Boyden, Bozorth, Bouvy, Carruth, Davis, Fenton, Huggins, Jones, Kistner, Kuhn, Neely, Saunders, Simons, and Steiner.
- Ent 613. **Ear, Nose, and Throat.** Winter term, $\frac{1}{2}$ hour.
Lectures, demonstrations, quizzes at each lecture and operative clinic; 11 hours. Drs. Davis, Fenton, Kistner, and Kuhn.

ELECTIVE COURSES

- Ent 614. **Advanced Otology.** Spring term, $\frac{1}{2}$ hour.
(Fourth year.) Eleven hours. Limited to six students. Dr. Davis, Dr. Fenton, or Dr. Kistner.
- Ent 615. **Advanced Rhinology.** Fall term, $\frac{1}{2}$ hour.
(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.** Spring term, ½ hour. Lectures, 1 hour; 11 hours. Dr. Strohm.

FOURTH YEAR

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

Ur 614. **Outpatient Clinic.** One section each term, 2 hours. Five and one-half weeks throughout the year, in sections; 8 hours; 44 hours. Drs. Blosser, Johnson, Hand, Nielsen, South, and Strohm.

ELECTIVE COURSE

Ur 616. **Urology Clinic Assistantship.** Any term, 1 hour. (Fourth year.) Prerequisite: Ur 614. A two-hour period for one term; 22 hours. Drs. Hand and Howard.

ANAESTHESIOLOGY

REQUIRED COURSES

THIRD YEAR

Sur 661, 662. **Lectures in Anaesthesia.** Two terms, ½ hour each term. Lectures in 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.** One section each term, ½ hour. 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. Dr. Hutton.

ELECTIVE COURSES

Sur 607. **Anaesthesia Seminar.** One term, 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. One hour a week for one term; 11 hours. Dr. Hutton.

Sur 629. **Anaesthesia.** Any term, ½ hour. (Fourth year.) Lectures and demonstrations on general and local anaesthesia; 11 hours. Dr. Hutton.

OBSTETRICS AND GYNECOLOGY

OBSTETRICS

REQUIRED COURSES

THIRD YEAR

Obs 611. **Introductory Obstetrics.** Fall term, 1 hour. 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. Drs. Dowsett, Dudman, Frazier, and Schaffler.

Obs 612. **Lecture and Demonstration Course in Obstetrics.** Winter term, 1 hour.

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. Drs. Schaffler, Nelson, and Dowsett.

Obs 613. **Pathology of Pregnancy, Labor, and the Puerperium.** Spring term, 1 hour.

Lecture and demonstration; 1 hour, twice a week, in sections; 22 hours. Drs. Dudman, Nelson, and Frazier.

Obs 614. **Attendance at Deliveries.** Any term, ½ hour.

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. Mitchelson and Fearl.

Obs 615. **Manikin.** One section each term, 1 hour.

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.** One section each term, 1 hour.

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, Mitchelson, Nelson, Schaffler, Sichel, and Stearns.

Obs 617. **Outpatient Service.** Any term, 1½ hours.

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, Mitchelson, and Fearl.

Obs 618. **Postnatal Clinic.** One section each term, ½ hour.

Outpatient Clinic; 1 hour a week for 5 weeks; 5 hours. Drs. Frazier, McArthur, Stearns, Mitchelson, Blatchford, Nelson, Wilson, and Fearl.

Obs 619, 620, 621. **General Clinic.** Three terms, ½ hour each term.

Multnomah County Hospital; 1 hour each week throughout the year; 33 hours. Drs. Watkins, Adams, Stearns, and Schaffler.

Obs 622. **Clerkships.** One section each term, ½ hour.

Multnomah County Hospital; 2 hours a week for 5½ weeks; 11 hours. Drs. Schaffler, Stearns, and Wilson.

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.** Winter term, 1 hour.
Lectures, demonstrations, and recitations, 2 hours; 22 hours. Dr. Stearns.
- Gyn 612. **Gynecology.** Spring term, 1 hour.
Lectures and recitations, 2 hours; 22 hours. Dr. Stearns.
- Gyn 613. **Clinical Clerkships.** One section each term, 1½ hours.
Multnomah County Hospital; sections; 33 hours. Drs. Dudman, Mathieu, Mitchelson, and Blatchford.

FOURTH YEAR

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

ELECTIVE COURSES

- Gyn 601. **Research.** Any term, hours to be arranged.
- Gyn 618. **Postoperative and Gynecological Endocrinology.** Any term, 1 hour.
(Fourth year.) Outpatient Clinic. Attendance at Outpatient Clinic one two-hour period each week; 22 hours. Drs. Watkins, Mathieu, Frazier, Schaffler, 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.** Three terms, 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.** Three terms, 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, lectures and clinics on malformations and diseases of the heart; and Dr. Margason, clinics and lectures on neurological conditions particularly referable to children; 33 hours. Drs. Bilderback, Bridgeman, Rush, and Margason.
- Ped 617. **Clerkships.** One section each term, 1 hour.
Doernbecher Hospital. Throughout the year; in sections; 22 hours. Dr. Overstreet.
- Ped 618. **Physical Diagnosis in Children.** One section each term, ½ hour.
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.** One section each term, 1½ hours.
Five and one-half weeks; 6 hours a week, throughout the year in sections; 33 hours. Drs. Ashley, Bridgeman, Goodnight, Lipshultz, Mercier, Overstreet, and Rosenfeld.
- Ped 622, 623, 624. **Diseases of Infancy and Childhood.** Three terms, 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 in 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 Feeding Clinic.** Any term, 1 hour.
Outpatient Clinic; 22 hours. Dr. Overstreet.

Ped 621. Hospital Clinic Clerkships. Any term, 1 hour.

Open to four students for each term. Each student will be assigned cases and will work under the supervision of the residents and visiting staff in the Doernbecher Hospital. Discussion of cases and treatment. Instruction in making lumbar punctures, tuberculin tests, taking blood, administration of antitoxin. 11 hours. Dr. Overstreet.

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.
 RUTH WHEELOCK, M.A., R.N., Associate Professor; Assistant Director.
 GRACE PHELPS, R.N., Associate Professor; Director of Nursing Service.
 JOHANNA EGGERS, M.A., R.N., Associate Professor.
 C. JEANETTE OSWALD, M.A., R.N., Associate Professor.
 LINDA EICKMAN, M.A., R.N., Assistant Professor.
 LUCILE HIGBY, B.A., R.N., Assistant Professor.
 LUCILE PEROZZI, M.A., R.N., Assistant Professor.
 GLENDA PROPER, B.S., R.N., Assistant Professor.
 MAISIE WETZEL, B.S., R.N., Assistant Professor.
 EMMA BEEMAN, R.N., Instructor.
 GROVER C. BELLINGER, M.D., Instructor.
 GRACE BERRY, R.N., Instructor.
 A. EDWARD BOSTROM, M.D., Instructor.
 MARGUERITE BOYER, R.N., Instructor.
 EVELYN JORDAN CAMILLO, R.N., Instructor.
 EDNA B. CARL, B.S., Instructor.
 NORRIS E. CLASS, M.S., Instructor.
 MARGARET A. DARBY, R.N., Instructor.
 HENRY H. DIXON, M.D., Instructor.
 SAIDIE ORR-DUNBAR, Instructor.
 AMELIA FEARY, M.S., R.N., Instructor.
 RALPH ALBERT FENTON, M.D., Instructor.
 LOUISE HAGEN, R.N., Instructor.
 LETHA HUMPHREYS, R.N., Instructor.
 WENDELL H. HUTCHENS, M.D., Instructor.
 VERA IMHOFF, R.N., Instructor.
 GENEVA F. JOHNSON, R.N., Instructor.
 SALLY CRAIGHILL KERBY-MILLER, B.A., R.N., Instructor.
 FREDERICK ANDREWS KIEHLE, M.D., Instructor.
 ANNE ESTHER KOBIELSKI, B.S., R.N., Instructor.
 LEO SHERMAN LUCAS, M.D., Instructor.
 IRA A. MANVILLE, M.D., Ph.D., Instructor.
 ARLIE C. MOORE, R.N., Instructor.
 CLARA CATHERINE NYE, R.N., Instructor.
 MALVESON PARKER, B.S., R.N., Instructor.
 AGNES PARRISH, R.N., Instructor.
 FRANK PERLMAN, M.D., Instructor.
 WINIFRED H. PERRY, R.N., Instructor.
 MABELLE ROSS, B.S., R.N., Instructor.
 ESTHER SCOTT, R.N., Instructor.
 DEAN SEABROOK, M.D., Instructor.
 HARRY J. SEARS, Ph.D., Instructor.
 COURTNEY SMITH, M.D., Instructor.
 LENDON HOWARD SMITH, M.D., Instructor.

MARY E. STARKWEATHER, B.A., R.N., Instructor.
 H. C. STEARNS, M.D., Instructor.
 J. G. STROHM, M.D., Instructor.
 HARRIET WALKER, R.N., Instructor.
 CARLA M. WALTERS, R.N., Instructor.
 RAYMOND E. WATKINS, M.D., Instructor.
 ADOLPH WEINZIRL, M.D., Instructor.
 EDWARD STAUNTON WEST, Ph.D., Instructor.
 OLIVE WHITLOCK, B.A., R.N., Instructor.
 VIOLET WRIGHT, R.N., Instructor.

JACK GRONDAHL, B.S., Assistant.
 WALTER MUNROE, B.S., Assistant.
 ROBERT RINEHART, B.S., Assistant.
 JOSEPH SCOTT, M.A., Assistant.
 NICHOLAS SULLIVAN, M.S., Assistant.
 THELMA E. LEHMAN, B.A., Secretary.

Supervisors of Affiliated Field Work in Public Health Nursing

OLIVE WHITLOCK, B.S., R.N., Director, Bureau of Nursing and Child Hygiene, State Board of Health.
 LUCILE PEROZZI, M.A., R.N., Educational Director, Division of Public Health Nursing, 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

Department of Nursing Education

RICHARD BENJAMIN DILLERUNT, Dean of the Medical School.
 ELNORA E. THOMSON, Professor; Director of Department.
 GRACE PHELPS, Associate Professor; Director of Nursing Service.
 RUTH WHELOCK, Associate Professor; Assistant Director.
 HARRY JOHNSON SEARS, Professor of Bacteriology and Hygiene.
 RALPH ALBERT FENTON, Clinical Professor of Otolaryngology.
 IRA ALBERT MANVILLE, Instructor.
 RAYMOND E. WATKINS, Clinical Professor of Obstetrics and Gynecology.
 HARRY R. CLIFF, Director, Multnomah County 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 Phillips, C. Jeanette Oswald.

Curriculum and Schedule—Harry J. Sears (Chairman), Edwin E. Osgood, Raymond E. Watkins, Olof Larsell, Edward S. West, Elnora Thomson, Ruth Wheelock, Malsie V. Wetzel, 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 Multnomah County Hospital School of Nursing and in the Doernbecher Memorial Hospital for Children, 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 high-school record and an official transcript of nursing-school record and all 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 50, 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 three terms, 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 admission to the clinical unit, all students must be innoculated for 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 County Hospital School, 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).....	\$32.00
Total tuition and fees, per term (nonresident).....	\$72.00

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
Building fee, per term (for students in hospital schools carrying 7 term hours or more of work).....	\$1.00
Building fee, per term (for all other students carrying 7 term hours or more).....	\$5.00

Every undergraduate nursing student pays a matriculation fee of \$5.00 at the time she first registers in the Oregon State System of Higher Education (at the University, the State College, or the Medical School). This fee is not refundable.

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.

Degree Curricula in 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 Arts 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 County 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.

FIVE-YEAR DEGREE CURRICULUM

Bachelor of Arts and Certificate in Nursing Specialty

	Term Hours			
	Sum	F	W	S
First Year—University or State College				
French or German	-	4	4	4
English Composition (Eng 111, 112, 113).....	-	3	3	3
Chemistry	-	4	4	4
Backgrounds of Nursing (Nur 211, 212, 213).....	-	3	3	3
Physical Education	-	1	1	1
Personal Hygiene	-	1	1	1
	-	16	16	16

Second Year—University or State College

French or German	-	4	4	4
Sociology	-	3	3	3
Psychology (Psy 201, 202, 203).....	-	3	3	3
Shakespeare (Eng 201, 202, 203).....	-	3	3	3
Zoology	-	3	3	3
Physical Education	-	1	1	1
	-	17	17	17

Third Year—Medical School

Anatomy and Physiology (BiS 311).....	6	-	-	-
Physiology of Disease (Nur 229).....	3	-	-	-
Elementary Materia Medica (Ch 228).....	3	-	-	-
Bacteriology (Bac 328, 329).....	3	3	-	-
Elementary Nursing Procedures (Nur 131, 132, 133).....	4	3	3	-
Case-Work Methods (Nur 313).....	-	2	-	-
Organic Chemistry (Ch 355, 356).....	-	3	3	-
Biochemistry (Ch 357).....	-	-	-	4
Medical and Surgical Diseases (Nur 223, 224).....	-	-	3	3
Clinics in Med. and Surg. Diseases (Nur 225, 226).....	-	-	3	3
Emergency Nursing (Nur 212).....	-	-	2	-
Materia Medica (Nur 236).....	-	2	-	-
Psychiatric Nursing (Nur 413).....	-	-	-	3
	13	16	17	13

Fourth Year—Medical School

Nutrition (Nur 327).....	-	3	-	-
Diet in Disease (Nur 369).....	-	-	3	-
Advanced Nursing Procedures (Nur 344).....	-	3	-	-
Public Health and Com. Diseases (Nur 336, 337).....	-	-	3	3
Obstetrics (Nur 412).....	-	4	-	-
Clinics in Obstetrics (Nur 439).....	-	-	3	-
Adv. Nursing Proc. in Obstetrics (Nur 345).....	-	-	3	-
Pediatrics (Nur 415).....	-	-	-	4
Clinics in Pediatrics (Nur 440).....	-	-	-	3
Adv. Nursing Proc. in Pediatrics (Nur 346).....	-	-	-	3
Mod. Soc. and Health Movements (Nur 347, 348).....	-	-	2	2
Survey of Field (Nur 414).....	-	-	-	3
Behavior Aspects of Children (Nur 487).....	-	3	-	-
Clinics in Specialties (Nur 351, 352).....	-	3	3	-
	-	16	17	18

Nursing Specialty.....	Fifth Year—Medical School				Term Hours			
					Sum	F	W	S
Public Health Nursing					16	16	16	
Pediatrics								
Obstetrics								
Orthopaedics								
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 a three-term and a four-term curriculum 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 requirements for state registration in Oregon.

Through the cooperation of the Portland Visiting Nurse Association, the Medical Social Service of the University of Oregon Medical School Clinics, the Bureau of School Hygiene of the Portland Health Department, the Bureau of Public Health Nursing of the State Department of Health, and the Multnomah County Public Health Nursing Association, 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, nurse registration, and formal acceptance 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 curricula in nursing.

Four-Term Curriculum. Prerequisites are: graduation from an accredited school of nursing, 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 in orthopaedic nursing as outlined in the Standard Curriculum 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 Standard Curriculum for Schools of Nursing. Only those making a satisfactory grade will be admitted.

Through the cooperation of the Multnomah County 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 postpartem 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 Standard Curriculum 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
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
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

CURRICULUM IN PEDIATRIC 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
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 in Supervision (Nur 450, 451, 452).....	9
Field Work in Supervision (Nur 447, 448, 449).....	14
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
Seminar in Nursing (Nur 407).....	6
Elective.....	2
Total term hours required.....	48

* Or other electives.

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.
- 303, 403, 503. Thesis.
- 305, 405, 505. Reading and Conference.
- 307, 407, 507. Seminar.

Description of Courses

LOWER-DIVISION COURSES

Eng 111, 112, 113. **English Composition.** Three terms, 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. Not offered 1938-39.

Nur 113. **Personal Hygiene.** Any term, 3 hours.

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.** Three terms, 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 Eickman.

Nur 212. **Emergency Nursing.** Any term, 2 hours.

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 Oswald and Miss Wetzel.

- Nur 214. **Physiotherapy.** Any term, 2 hours.
To give the student nurse an elementary understanding of these phases of treatment and appreciation of their importance. Lectures, 2 hours; 22 hours.
- Nur 223, 224. **Medical and Surgical Diseases.** Two terms, 3 hours each term.
The object 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. Staff.
- Nur 225, 226. **Clinics in Medical and Surgical Diseases.** Two terms, 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 Eickman, Miss Starkweather, and staff.
- *Ch 228. **Elementary Materia Medica.** Summer or winter term, 3 hours.
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.** One term, 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.
- *Nur 236. **Materia Medica and Therapeutics.** Fall term, 2 hours.
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, 2 hours; 22 hours. Miss Oswald.

UPPER-DIVISION COURSES

- Nur 311. **Principles of Publicity.** One term, 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.** Any term, 6 hours.
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 condi-

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

- tions 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.** One term, 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 316. **History of Nursing.** Any term, 2 hours.
A study of present-day conditions in nursing; obstacles which have been overcome; the early leaders, and the ideals and traditions underlying nursing. Lectures, 2 hours; 22 hours. Miss Wetzel.
- *Nur 327. **Nutrition.** Any term, 3 hours.
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.** Two terms, 3 hours each term.
A study of the general characteristics of bacteria and their relation to disease. Considerable attention will be 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.** One term, 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.** Two terms, 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. Special lecturer, Miss Wetzel.
- Nur 343, 344. **Advanced Nursing Procedures.** Two terms, 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 Eickman.
- Nur 345. **Advanced Nursing Procedures in Obstetrics.** Any term, 3 hours.
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 Eickman and Miss Eggers.
- Nur 346. **Advanced Nursing Procedures in Pediatrics.** Any term, 3 hours.
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.

* 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 347, 348. **Modern Social and Health Movements.** Two terms, 2 hours each term.

A study of the historical background for modern social and health movements. Present-day problems and methods used in the attempt to solve them. The relation of the nurse (private duty, institutional, and public health) to these problems and programs. Lectures, 2 hours; 22 hours each term. Miss Thomson or Miss Wetzel.

Nur 351, 352, 353. **Clinics in Specialties.** Three terms, 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 and staff.

*Ch 355, 356. **Organic Chemistry.** Two terms, 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.** One term, 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.** One term, 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.** Any term, 3 hours.

Theoretical and laboratory work in diet in disease. Staff.

Nur 405. **Reading and Conference.** Any term. Hours to be arranged.

Nur 407. **Seminar in Nursing.** Three terms, 2 hours each term.

Arranged for advanced students in nursing. It is proposed to give the student an opportunity to study problems relating to nursing. Two hours; 22 hours each term. Miss Thomson.

Nur 412. **Obstetrics.** Any term, 4 hours.

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. Staff.

†Nur 413. **Psychiatric Nursing.** One term, 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

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

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.** One term, 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. **Pediatrics.** Any term, 3-4 hours.

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.** One or two terms, 3-4 hours.

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. Mr. Class.

†Nur 418, 419. **Community Organization.** Two terms, 2 hours each term; 3-4 hours summer term.

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 will make outline studies of organizations functioning in local communities, and will 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. Mrs. Orr-Dunbar.

Nur 420, 421, 422. **Administration in Nursing Schools.** Three terms, 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.

Nur 423, 424, 425. **Field Work in Hospital Administration.** Three terms, 5 hours each term.

For senior students in nursing. The student will be given an opportunity for practice in the Doernbecher Hospital. Field work, 165 hours each term. Miss Phelps.

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

Nur 426, 427, 428. **Advanced Principles in Nursing.** Three terms, 2 hours each term.

This course presents 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.** Three terms, 5 hours each term.

This course is designed for senior or graduate nursing students. The student will be 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.** Any term, 3 hours each term.

This course gives an 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.

Nur 433, 434, 435. **Teaching Nursing Procedures.** Three terms, 2 hours each term.

A practical study of the newer and better methods which are applicable to nursing education. Practical application of project method. Provision for individual differences, with conferences and exhibits of approved equipment. Lectures, 2 hours; 22 hours each term. Miss Wheelock.

Nur 436, 437, 438. **Methods and Observation of Teaching Nursing Procedures.** Three terms, 3 hours each term.

A professional course in methods of teaching nursing procedures in the wards of the hospital. Student evaluation and management. Classes will be held at each hospital from which students are enrolled. Lectures, 1 hour; clinics, 4 hours; 55 hours each term. Miss Wheelock.

Nur 439. **Clinics in Obstetrics.** Any term, 3 hours.

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 Eickman, Miss Eggers, and staff, Multnomah County Hospital School of Nursing.

Nur 440. **Clinics in Pediatrics.** Any term, 3 hours.

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.** Any term, 3 hours each term.

The purpose of this course is 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.** Any term, 3 hours.

This course acquaints the students with modern methods for the prevention of mental diseases and for the care of those suffering from such diseases. Lectures, 3 hours; 33 hours each term. Dr. Dixon.

Nur 447, 448, 449. **Field Work in Nursing Supervision.** Three terms, 5-7 hours each term.

This sequence offers the student an opportunity to practice teaching and supervision, and to carry on special problems in the hospital under guidance. Field work, 165 hours each term. Miss Eickman, Miss Higby, and Miss Humphreys.

Nur 450, 451, 452. **Methods in Supervision.** Three terms, 3 hours each term.

This sequence will provide methods and technic in teaching, supervision of nurses, and proper care of special equipment. Practical experience will be given 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.** One term, 2 hours.

A special course in the application of biochemistry to anaesthesia. 22 hours. Dr. West.

Nur 456, 457. **Advanced Obstetrics for Nurses.** Two terms, 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.**

Three terms, 2 to 3 hours each term.

This sequence presents the methods which have been devised to give service to individuals through public health nursing (generalized and specialized), and will, therefore, be closely correlated with the field experience of the student. The technic which has been developed in each field of public health nursing will be critically studied in relation to its application to individuals served. Lectures, reports on assigned reading, and discussion. Lectures, 2-3 hours; 22-33 hours each term. Miss Thomson, Dr. Weinzirl, and staff.

†Nur 464. **Field Work in Social Case Work.** Any term, 5 hours.

The first term of field work will be 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. Miss Feary.

†Nur 465, 466. **Methods in Teaching Health.** Two terms, 2 hours each term.

This sequence presents 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 Oswald.

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

- Nur 467. **Field Work in Public Health Nursing.** One term, 5 hours.
Experience will be obtained in prenatal and postnatal nursing with the Outpatient Clinic; infant welfare, tuberculosis, bedside, and industrial nursing with the Portland Visiting Nurse Association; and school nursing with the school nursing division of the City Health Bureau. Clinic, 165 hours. Miss Thomson, Miss Crowe, and Miss Fisher.
- Nur 468. **Field Work in Public Health Nursing.** One term, 5 hours.
Rural public health nursing under the direction of the Bureau of Nursing, State Board of Health. Clinic, 165 hours. Miss Thomson, Miss Whitlock, and Miss Schreyer.
- Nur 469. **Field Work in Public Health Nursing.** One term, 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 will consist of a full-time block of work with rural or urban public health nursing agencies. Clinic, 165 hours. Miss Thomson and staff of agency.
- †Nur 470. **Systems in Public Health Nursing.** Any term, 3-6 hours.
The development of public health practices and organization with special emphasis upon present trends in public health nursing. Clinic, 198 hours. Miss Thomson, Miss Wheelock, and staff.
- †Nur 471. **Vital Statistics.** One term, 2 hours.
Lectures and recitations dealing with the manner of collection, the arrangement, and the uses of statistical data having a bearing upon practical public health work. Lectures, 2 hours; 22 hours. Staff.
- Nur 472, 473. **Clinical Orthopaedic Nursing.** Two terms, 7-9 hours each term.
An opportunity will be given 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.** Two terms, 7-9 hours each term.
This sequence will provide practical experience in the hospitals affiliated with the Medical School, 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.** Two terms, 7-9 hours each term.
This sequence will provide 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.** Two terms, 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.** Two terms, 2 hours each term.
Designed for the advanced pediatrical unit for nurses who are specializing in pediatric nursing. Dr. Smith.

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- Nur 486. **Surgical Specialties.** One term, 2 hours.
A course designed for the advanced surgical unit for nurses who are specializing in surgical nursing. Dr. Seabrook.
- Nur 487. **Behavior Aspects of Child Conduct.** 3 hours.
Study of child behavior in health and disease.
- Nur 489. **Problems in Child Welfare.** One term, 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.** Any term, 3 hours.
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.
- †Nur 501. **Social Research.** Any term, hours to be arranged.
This course is intended to give the student an opportunity to work out projects in the line of her special interest. Opportunities will be offered 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. It will consist of 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.** Three terms, 2 hours each term.
Lectures and discussions on the scientific basis for health development and the prevention of disease; 22 hours each term. Miss Thomson.

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

Degrees Conferred May 30, 1938

MEDICINE

DOCTOR OF MEDICINE

George Emerson Abbott, B.S., Tremonton, Utah
 Emory John Baker, B.S., Tacoma, Washington
 Wendell Lee Ball, B.S., Corvallis
 Franz Baumann, B.A., Portland
 Sol A. Beadner, B.A., Boise, Idaho
 Allan Brooks Bell, B.S., Shelton, Washington
 George Savage Boyer, B.S., Grand Forks, North Dakota
 James William Brooke, M.A., Ontario
 Robert Fletcher Brown, B.A., Tacoma, Washington
 George E. Chamberlain, B.A., Portland
 Robert A. Coen, B.A., Roseburg
 Hyman Cohen, B.S., Seattle, Washington
 Arthur McConnell Compton, Jr., B.A., Portland
 Russell S. Congdon, B.S., Wenatchee, Washington
 Alan Morgan Davis, B.A., Portland
 Charles Gregory Day, B.A., Seattle, Washington
 B. Marlowe Dittebrandt, M.A., Spokane, Washington
 Zanly C. Edelson, B.A., Portland
 Angus James Fillmore, B.S., Richfield, Utah
 Ralph Atkins Foster, B.A., Yakima, Washington
 Robert Chester Grieve, B.S., Spokane, Washington
 Vernon M. Griffin, B.A., Devils Lake, North Dakota
 Dorthie Ness Hopper, B.S., Seattle, Washington
 Sture A. M. Johnson, B.A., Portland
 Frederick Riebel Judy, M.A., Spokane, Washington
 William Frederick Kaiser, Jr., B.S., Portland
 Reinhold Kanzler, M.S., Portland
 James Charles Kennedy, B.A., Multnomah
 Gordon Chambers Langsdorf, B.A., Vancouver, Washington
 Virgil Chester Larson, B.A., Portland
 Samuel Lippman, B.S., Seattle, Washington
 Robert O. Luchrs, B.S., Ontario
 Francis Gordon McCartney, B.S., Astoria
 William A. Meissner, B.A., Oregon City
 George Harris Merryman, Jr., B.A., Klamath Falls
 Samuel John Minkove, B.S., Seattle, Washington
 Duncan R. Neilson, A.B., Grants Pass
 Ronald P. Neilson, A.B., Grants Pass
 Byron A. Nichol, B.A., Portland
 Roy F. Noland, B.S., Portland
 Adam Borden Polson, B.A., Portland
 Donald Crane Prentiss, B.S., Corvallis
 Ralph W. Pugmire, B.S., Ogden, Utah
 John R. Seeley, B.S., Coquille
 Hollister McGuire Stolte, B.A., Portland
 Arthur William Sullivan, B.A., Portland
 John Mayo Talbot, B.A., Portland
 Govnor Teats, B.S., Tacoma, Washington
 John Edmund Tuhy, B.A., Portland
 Silvio Vukov, B.S., Seattle, Washington
 Robert Allison Welch, B.A., Salt Lake City, Utah
 James Meacham Whitely, B.A., Portland
 Walter James Wood, Ph.B., Portland
 Eugene Henry Wyborney, B.S., Deirio, Washington
 William Herman Zavin, M.A., Portland

NURSING EDUCATION

BACHELOR OF ARTS

Lucille Kathryn Ayres, Junction City†
 Annette J. Bilger, Portland*
 Mary Louise Busche, Portland*
 Ora Mae Jennings, Corvallis†
 Margaret Ruth Powers, Corvallis†
 Myrtle H. Skooge, Portland*

BACHELOR OF SCIENCE

Harriet Elizabeth Boren, Lewiston, Idaho*
 Hope A. Brady, Portland*
 Lucille Berniece Dunn, Portland*
 Mary Geraldine Gorman, Salt Lake City, Utah*
 Marian Dellee Hartvedt, Portland*
 Frances Elizabeth Haslinger, Portland*
 Jane Hibbard, Klamath Falls*
 Anna Adina Hiebert, West Salem*
 Dorothy Mary Holmes, Terrebonne*
 Sarah B. Lyance, Baldwin Park, California*
 Helen M. Moore, Portland*
 Friedl Bauer Ney, Oswego*
 Margaret C. Sammons, San Mateo, California*
 Evelyn Frances Shelley, Tuscombua, Alabama*
 Elizabeth Ann Smith, Salem†

* Conferred through University of Oregon.

† Conferred through Oregon State College.

CERTIFICATE IN PUBLIC HEALTH NURSING

Lucille Kathryn Ayres, Junction City
 Lena Besendorfer, Salt Lake City, Utah
 Pearl Black, Richfield, Utah
 Ada L. Burt, St. George, Utah
 Emma Cole Cannon, Nephi, Utah
 Leona B. Curtis, Springville, Utah
 Grace W. DeWitt, Quincy, Illinois
 Eva L. Donahue, Vale
 Jean Pittman Fach, Albany
 Eunice Mae Gerber, Springfield
 Myrtle E. Hall, Waldport
 Napina Hanley, Boise, Idaho
 Jane Hibbard, Klamath Falls
 Mary Howell Hill, Salt Lake City, Utah
 Maurine Howard, Richfield, Utah
 Laura G. Larson, Portland
 Devota Mickelson, Salem
 Helen M. Moore, Portland
 Friedl Bauer Ney, Oswego
 Margaret Lynch Payton, Portland
 Alice Robins Player, Portland
 Margaret Ruth Powers, Corvallis
 Grace M. Pratt, Portland
 Dorothy M. Rosenfeld, Bakersfield, California
 Irene C. Sanders, Portland
 Martha E. Shanks, Duchesne, Utah

CERTIFICATE IN HOSPITAL ADMINISTRATION

Myrtle H. Skooge, Portland

CERTIFICATE IN NURSING SUPERVISION

Malveson Josephine Parker, Portland

CERTIFICATE IN OBSTETRICAL NURSING

Margaret D. Portmann, Tillamook

Enrollment, 1937-38

MEDICINE

CLASS OF 1938

Abbott, G. Emerson, Tremonton, Utah
Utah Agricultural College, B.S., 1932
Baker, Emory J., Tacoma, Washington
College of Puget Sound, B.S., 1933
Ball, Wendell Lee, Corvallis
Oregon State College, B.S., 1933
Baumann, Franz, Portland
Reed College, B.A., 1935
Beadner, Sol A., Boise, Ida.
University of Oregon, B.A., 1931
Bell, Allan B., Shelton, Wn.
Washington State College, B.S., 1933
Boyer, George S., Grand Forks, N. D.
University of North Dakota, B.A., 1934
Brooke, James W., Ontario
University of Oregon, B.A., 1934
Brown, Robert E., Tacoma, Wn.
University of Oregon, B.A., 1935
Chamberlain, George E., Portland
University of Oregon, B.A., 1936
Coen, Robert A., Roseburg
University of Oregon, B.A., 1934
Cohen, Hyman, Seattle, Wn.
University of Washington, B.S., 1934
Compton, Arthur M., Jr., Portland
University of Oregon, B.A., 1935
Congdon, Russell S., Wenatchee, Wn.
University of Washington, B.S., 1934
Davis, Alan M., Portland
Pomona College, B.A., 1934
Day, Charles G., Seattle, Wn.
University of Oregon, B.A., 1935
Dittebrandt, B. Marlowe, Spokane, Wn.
Washington State College, B.S., 1934
Edelson, Zanly C., Portland
Oregon State College, B.A., 1935
Fillmore, A. James, Richfield, Utah
Utah Agricultural College, B.S., 1932
Foster, Ralph A., Yakima, Wn.
Willamette University, B.A., 1934
Grieve, Robert C., Spokane, Wn.
University of Oregon, B.S., 1935
Griffin, Vernon M., Devils Lake, N. D.
University of North Dakota, B.A., 1935
Hill, Irvin B., Cushman
University of Oregon, B.A., 1933
Hopper, Dorthie Ness, Seattle, Wn.
University of Washington, B.S., 1930
Johnson, Sture A. M., Portland
University of Oregon, B.A., 1934
Judy, Frederick Riebel, Spokane, Wn.
Whitman College, B.A., 1926
Kaiser, William F., Portland
University of Oregon, B.S., 1936
Kanzler, Reinhold, Portland
University of Oregon, M.S., 1937

CLASS OF 1939

Adams, Verne L., Eugene
University of Oregon, B.A., 1935
Anderson, Melvin W., Medford
Oregon State College, B.S., 1937
Barr, Charles H., Astoria
University of Oregon, B.A., 1931

Kennedy, James C., Multnomah
University of Oregon, B.A., 1936
Langsdorf, Gordon C., Vancouver, Wn.
University of Oregon, B.A., 1936
Larson, Virgil C., Portland
University of Oregon, B.A., 1936
Lippman, Samuel, Seattle, Wn.
University of Washington, B.S., 1931
Luchrs, Robert O., Ontario
Oregon State College, B.S., 1932
McCartney, Frank G., Astoria
University of Oregon, B.S., 1935
Meissner, William A., Oregon City
University of Oregon, B.A., 1935
Merryman, George H., Jr., Klamath Falls
University of Oregon, B.A., 1936
Minkove, Samuel J., Seattle, Wn.
University of Washington, B.S., 1934
Neilson, Duncan R., Grants Pass
Pacific University, A.B., 1934
Neilson, Ronald F., Grants Pass
Pacific University, A.B., 1934
Nichol, Byron A., Portland
University of Oregon, B.A., 1932
Noland, Roy F., Portland
University of Oregon, B.S., 1934
Polson, Borden A., Portland
University of Oregon, B.A., 1936
Prentiss, Donald Crane, Corvallis
Oregon State College, B.S., 1934
Pugmire, Ralph, Ogdan, Utah
University of Oregon, B.S., 1935
Seeley, John R., Coquille
Linfield College, B.S., 1933
Stolte, Hollister M., Portland
Reed College, B.A., 1932
Sullivan, Arthur W., Jr., Portland
University of Oregon, B.A., 1936
Talbot, John Mayo, Portland
University of Oregon, B.A., 1935
Teats, Govnor, Tacoma, Wn.
College of Puget Sound, B.S., 1934
Tuhy, John E., Portland
University of Oregon, B.A., 1935
Vukov, Silvio, Seattle, Wn.
University of Washington, B.S., 1934
Welch, Robert A., Salt Lake City, Utah
University of Utah, B.A., 1935
Whitely, James M., Portland
University of Oregon, B.A., 1936
Wood, Walter J., Portland
Yale College, Ph.B., 1931
Wyborney, Eugene H., Delrio, Wn.
Washington State College, B.S., 1934
Zavin, William H., Portland
Reed College, B.A., 1935

Bitar, Emmanuel, Hoquiam, Wn.
University of Washington, B.S., 1935
Bollerud, Jack, Everson, Wn.
University of Oregon, B.S., 1936
Brown, David Van., Beaverton
Reed College, B.A., 1937
Brunkow, Milton, Portland
Reed College, B.A., 1937
Burdon, Phyllis J., Vallejo, Calif.
Oregon State College, B.S., 1937
Burr, Sherwood F., Jr., Eugene
University of Oregon, B.A., 1935
Canning, Thomas E., Ione, Wn.
Washington State College, B.S., 1937
Cottrell, George W., Portland
Oregon State College, B.S., 1937
Davis, Will Charles, Portland
University of Oregon, B.A., 1937
DeFaccio, Dolores, Seattle, Wn.
University of Washington, B.S., 1934
Depp, Donald S., Portland
University of Oregon, B.A., 1936
Derbyshire, John W., North Bend
University of Oregon, B.A., 1936
Durham, Milton, Tacoma, Wn.
University of Oregon, B.S., 1937
Emmens, Thomas H., Medford
University of Oregon, B.A., 1935
Freeberg, Margaret Mills, Portland
University of Oregon, B.A., 1932
Friedman, Arnold P., Los Angeles, Cal.
University of So. California, A.M., 1934
Geraghty, Thomas P., San Francisco, Cal.
University of Washington, B.S., 1934
Grondahl, Jack W., Portland
University of Oregon, B.S., 1936
Guiss, John M., Woodburn
University of Oregon, B.A., 1935
Hardy, John L., Jr., Tacoma, Wn.
University of Washington, B.S., 1935
Henry, Margaret, Endicott, Wn.
Washington State College, B.S., 1936
Hill, Robert V., Days Creek
Oregon State College, B.S., 1937
Holford, William G., Jr., Portland
Stanford University, B.A., 1937
Huff, Russell H., Portland
University of Montana, B.A., 1932
Hughes, Herbert A., Camas, Wn.
University of Washington, B.S., 1933
Hurd, Lew, Portland
College of Idaho, B.S., 1934
Ito, William S., Portland
University of Oregon, B.A., 1937
Johnson, Murray L., Tacoma, Wn.
College of Puget Sound, B.A., 1935
Johnston, Robert D., Eugene
University of Oregon, B.A., 1937
Keller, Paul D., Minkcreek, Ida.
Utah Agricultural College, B.S., 1934

Labby, Daniel H., Portland
Reed College, B.A., 1935
Lage, George H., Hood River
Oregon State College, B.A., 1936
Lees, Floyd E., Portland
University of Oregon, B.A., 1935
Link, Richard B., Tacoma, Wn.
College of Puget Sound, B.A., 1934
Liu, Sam Ben, Portland
Reed College, B.A., 1937
Louie, Edward, Portland
Oregon State College, B.S., 1937
Lundy, Theodore M., Portland
University of Oregon, B.A., 1936
Lyman, Richard W., La Grande
Oregon State College, B.S., 1937
Mason, Herbert, Beaverton
Reed College, B.A., 1937
Massey, George D., Klamath Falls
University of Oregon, B.A., 1936
Metz, Paul, Portland
Reed College, B.A., 1937
Munroe, Walter R., Seattle, Wn.
University of Washington, B.S., 1932
Nakadate, Katsumi, Portland
Williamette University, B.A., 1937
Phillips, John J., Banks
University of Oregon, B.A., 1933
Priest, Allen E., Pullman, Wn.
Washington State College, B.S., 1932
Puzias, Abe, Portland
Reed College, B.A., 1935
Rieke, Forrest E., Salem
Oregon State College, B.S., 1937
Robb, Marvin J., Hillsboro
Pacific University, B.S., 1937
Roley, Willard C., Albany
University of Oregon, B.A., 1936
Russell, Keith P., Portland
Oregon State College, B.S., 1937
Sato, Joseph K., Portland
University of Oregon, B.S., 1937
Selling, Philip, Portland
Reed College, B.A., 1935
Smith, Ralph L., Spokane, Wn.
Whitman College, A.B., 1932
Tat, Russell J., Seattle, Wn.
University of Oregon, B.S., 1937
von Berthelsdorf, Siegfried, Portland
University of Oregon, B.A., 1934
Wade, Ralph M., Lewiston, Ida.
University of Idaho, B.S., 1935
Wagner, Clyde L., Seattle, Wn.
University of Washington, B.S., 1936
Ward, Byron, Seattle, Wn.
University of Washington, B.S., 1935
Warrington, William Rich, Corvallis
Oregon State College, B.S., 1935
White, Wendell W., Portland
University of Oregon, B.A., 1936

CLASS OF 1940

Astleford, John, Newberg
Pacific College, B.S., 1934
Aumann, Kurt W., LaCrosse, Wn.
Washington State College, B.S., 1936
Banning, Sam, Wauna
University of Oregon, B.A., 1935
Bennett, Woodson, Lebanon
Washington State College, B.S., 1938
Brilhart, Kenneth B., Seattle, Wn.
University of Washington, B.S., 1936
Bryant, James Trevor, Seattle, Wn.
Oregon State College, B.S., 1938
Clark, Thomas Henry, Seattle, Wn.
University of Washington, M.S., 1934

Curran, Richard L., Klamath Falls
University of Oregon, B.A., 1938
Davis, Harold E., Gresham
University of Oregon, B.A., 1936
Day, Robert L., Portland
University of Portland, B.A., 1936
DeLateur, Conrad A., Hoquiam, Wn.
Oregon State College, B.S., 1938
Draper, Oliver D., Salem
Willamette University, A.B., 1936
Emmel, Harry E., Portland
Willamette University, A.B., 1936
Flint, Weldon C., Cottonwood, Ida.
University of Idaho, B.S., 1938

Fluke, Charles W., Portland
Oregon State College, B.S., 1938
Fortner, Lucille L., Salem
University of Oregon, B.A., 1938
Franco, Robert, Seattle, Wn.
University of Washington, B.S., 1936
Galbraith, James E., Seattle, Wn.
University of Washington, B.S., 1935
Goiney, Bernard J., Tacoma, Wn.
University of Washington, B.S., 1932
Hafner, Paul G., Portland
University of Oregon, M.A., 1937
Hayter, Robert, Dallas
University of Oregon, B.A., 1933
Jones, Russell, Medford
University of Oregon, B.A. 1936
Jones, William E., Kelso, Wn.
Oregon State College, B.S., 1938
Kaufman, Charles L., Salem
University of Washington, M.A., 1930
Klingler, Marion V., Boise, Ida.
University of Idaho, B.S., 1935
Lockwood, Milton, New Meadows, Ida.
University of Idaho, B.S., 1931
Long, John B., Multnomah
Reed College, B.A., 1936
Lymp, Leo J., Wemme
Linfield College, B.S., 1937
Marcum, Robert W., Forest Grove
Pacific University, B.S., 1934
McKinney, Geneal S., Lewiston, Ida.
University of Idaho, B.S., 1935
McWilliams, Walter C., Moscow, Wn.
University of Idaho, B.A., 1934
Mills, Waldo O., Salem
Willamette University, B.A., 1937
Morley, Leonard, Salem
Willamette University, B.A., 1936
Nilsson, Margaret C., Milwaukie
Stanford University, A.B., 1936
Noble, Marjorie Jane, Tacoma, Wn.
University of Oregon, B.A., 1938
Parrott, Max H., Portland
Oregon State College, B.S., 1938
Rawls, Noel B., Corvallis
Oregon State College, B.S., 1938
Richardson, Howard L., Tacoma, Wn.
College of Puget Sound, B.S., 1936

Richardson, John R., Tacoma, Wn.
University of Washington, B.S., 1936
Rickett, Howard W., Tacoma, Wn.
College of Puget Sound, B.S., 1936
Roberts, Howard G., Salem
Willamette University, B.A., 1936
Rodda, John S., Portland
University of Oregon, B.S., 1938
Ross, John M., St. Helens
Willamette University, B.A., 1936
Ruuska, Paul E., Seattle, Wn.
University of Washington, B.S., 1935
Ryan, Paul H., Portland
University of Portland
Saltzman, Benjamin, Eugene
University of Oregon, M.A., 1936
Schroeder, Herman J., Seattle, Wn.
University of Washington, B.S., 1931
Scott, Joseph E., Portland
University of Oregon, M.A., 1937
Shasky, Florian, Portland
University of Portland, B.S., 1936
Strowger, Berk B., Portland
University of Oregon, B.S., 1936
Sullivan, David E., Portland
University of Portland, B.S., 1936
Taylor, David K., Boise, Ida.
College of Idaho, B.A., 1929
Taylor, Thomas J., Olympia, Wn.
Oregon State College, B.S., 1938
Thornton, Elizabeth, Portland
Mills College, B.A., 1936
Vehrs, Herman F., Portland
University of Oregon, B.S., 1938
Webster, Bruce J., Omak, Wn.
University of Washington, B.S., 1936
Welch, John D., Portland
Willamette University, A.B., 1936
Westover, Howard S., Everett, Wn.
University of Washington, B.S., 1935
Wilson, Roscoe C., Portland
Oregon State College, B.S., 1938
Wood, Maurice T., Portland
University of Oregon, B.A., 1932
Zauser, John, Ronald, Wn.
Washington State College, B.S., 1936

CLASS OF 1941

Allen, John Tysen, Jr., Astoria
University of Oregon, 1933-36
Armentrout, Herbert L., Portland
University of Oregon, B.S., 1937
Armstrong, Philip Coslet, Tacoma, Wn.
Willamette University, A.B., 1934
Ash, Henry Thornton, Ontario
University of Oregon, 1934-37
Bitar, Daniel Albert, Hoquiam, Wn.
Grays Harbor Jr. College, 1933-34
University of Washington, 1934-37
Bowman, Noel Wright, Portland
Pacific College, 1928-31
Boyer, John Michael, Portland
Creighton University, 1924-28
State University of Iowa, 1929-30
Bradshaw, Frederic William, Portland
University of Oregon, 1933-37
Browning, Charles Wetzel, Portland
Oregon State College, 1933-36
Bunnell, Harris Filmore, Tacoma, Wn.
College of Puget Sound, B.S., 1936
Cathey, Robert, Portland
University of California, B.A., 1936

Cattle, Bruce, McMinnville
Linfield College, 1933-37
Christensen, Leonard, Corvallis
Oregon State College, 1931-36
Cochran, Terence Henry, Oregon City
Oregon State College, 1934-37
Coleman, Warren Richard, Bend
Oregon State College, 1928-33
Davis, Frederic, Portland
University of Portland, 1933-36
University of Oregon, 1936-37
DeMars, Harold Victor, Wallace, Ida.
University of Idaho, B.S., 1937
Dockendorff, William Orin, Everett, Wn.
University of Washington, 1934-37
Douglas, Earl Wedle, Portland
Willamette University, A.B., 1927
Emerick, Charles John, Jr., Zig Zag
Willamette University, 1932-34
Oregon State College, 1936-37
Fox, Thomas James, Portland
University of Santa Clara, 1933-36
University of Portland, 1935-37

Frank, Charles F., Portland
Penn College, B.S., 1933
Gould, Robert Jarvis, Bend
University of Oregon, 1934-37
Heffron, Carroll Eugene, Portland
Whitman College, 1928-31
University of Washington, 1936-37
Heldobler, Alfred Otto, Portland
Pacific University, B.A., 1935
Hill, John Richard, Eugene
University of Oregon, 1934-37
Holsinger, Harold Franklin, Meridian, Ida.
Albion State Normal School, 1924-27
College of Idaho, 1934-37
Horenstein, Marcus Morris, Portland
University of Oregon, B.A., 1937
Jacobson, Leonard Dale, Portland
University of Oregon, B.A., 1937
Kintner, William Charles, Seattle, Wn.
University of Washington, B.S., 1937
Kostalek, Mary Elizabeth, Moscow, Ida.
University of Idaho, 1934-37
Kretz, Alexander Walter, Hoquiam, Wn.
Grays Harbor Junior College, 1934-35
University of Washington, 1935-37
LeCocq, Frank, Everett, Wn.
University of Washington, 1934-37
Lindgren, Aarne Johannes, Portland
University of Oregon, B.S., 1936
Lofberg, Carl, Aberdeen, Wn.
University of Washington, B.S., 1937
Lofquist, Edwin, Portland
Oregon State College, 1932-37
Lugar, Leland Richard, Yakima, Wn.
Washington State College, 1934-37
MacDaniels, Laurence Kidder, Portland
Reed College, B.A., 1937
Marcy, Guy Elliott, Jr., Yakima, Wn.
Washington State College, 1934-37
McCallum, George, Spokane, Wn.
Washington State College, B.S., 1935
McMilan, Keith, Rainier
University of Oregon, 1933-37
Melvin, Harry, Portland
University of Portland, 1933-36
Moore, Charles Joseph, Astoria
Gonzaga University, B.S., 1937
Morris, David Arthur, Eugene
University of Oregon, 1933-36
University of Heidelberg, 1936-37
Movius, Earnest Archibald, Selah, Wn.
Reed College, B.A., 1937
Nelson, Averly Miller, Wenatchee, Wn.
University of Washington, 1933-37

Newman, Jack Veness, Seaside
University of Oregon, 1934-37
Osler, Geoffrey Frank, Portland
Oregon State College, 1934-37
Pearl, Milton Julian, Seattle, Wn.
University of Washington, 1934-37
Pennoyer, Duane Harmon, Eugene
University of Idaho, Southern Branch,
B.S., 1937
Perkins, James Gray, Milwaukie
University of Oregon, 1933-37
Pope, Henry Francis, Weston
Walla Walla College, 1933-36
Ramquist, Reuel Theodore, Vashon, Wn.
University of Washington, B.S., 1935
Reed, Robert James, Portland
Reed College, B.A., 1937
Reichle, Ray Murton, Portland
Oregon State College, 1934-37
Rickleys, Julian Allen, Seattle, Wn.
University of Washington, 1933-37
Rinehart, Robert Earl, Hoquet
Oregon State College, 1933-37
Rothrock, Joseph Bruce, Salem
Willamette University, B.A., 1937
Rowe, Ted Perry, Everett, Wn.
University of Washington, B.S., 1935
Scheffer, Robert Paul, Portland
Notre Dame, B.S., 1937
Singer, Isadore Milton, Portland
Reed College, B.A., 1937
Smick, Willis E., Sprague, Wn.
Washington State College, B.S., 1937
Solzman, Donald Jack, Grangeville, Idaho
University of Idaho, 1934-37
Stout, Gardner Shepard, Portland
Stanford University, A.B., 1937
Sue, Julius F., Portland
Reed College, 1934-36
Oregon State College, 1936-37
Weitz, Marion George, Eugene
University of Oregon, B.S., 1935
White, Dorothy Woods, Everett, Wn.
University of Washington, B.S., 1935
Wilkins, H. Franklin, Portland
University of Oregon, 1929-30
Albany College, 1933-35
Woodard, Don Ernest, Portland
Columbia University, A.B., 1936
Wynia, Frederick O., Cheney, Wn.
Washington State Normal, 1934-36
University of Washington, 1936-37

GRADUATE STUDENTS, 1937-38

Hill, Jean Elizabeth, B.S.
Hollow, Mary Ellen, B.A.
Leary, Elizabeth, B.A.
Leong, Richard Wilson, B.A.
Levy, Alexander Hermann, M.D.
McMaster, Marguerite L., B.A.
Myers, Jane Agnes, B.A.

Reithel, Francis J., B.A.
Struble, Frances H., B.S.
Sullivan, Nicholas P., M.S.
Van Bruggen, John T., B.A.
Veazie, Lyle, M.A.
Vreeland, Johanna, R.N., B.A.

SPECIAL STUDENTS, 1937-38

Altman, Ralph C.
Braxton, Ellen A.
Campbell, Mona
Kavanaugh, John Dunn, B.S.
Lundell, Vivienne

Meyers, Carol
Reeves, Gordon F., B.A.
Russell, Lester, B.S.
Sutton, Frank B.

NURSING EDUCATION

PUBLIC HEALTH NURSING

Ayres, Lucille K.....	Junction City	Moore, Helen M.....	Sisters
Baney, Hazel.....	Casper, Wyoming	Moreland, Aileen.....	Portland
Becker, Bertha.....	American Falls, Ida.	Morse, Katherine.....	Eugene
Behunin, Ethel S.....	Pocatello, Ida.	Ney, Friedl Bauer.....	Oswego
Besendorfer, Lena.....	Salt Lake City, Utah	Peet, Ada R.....	Parker, Arizona
Cannon, Emma C.....	Nephi, Utah	Powers, M. Ruth.....	Corvallis
Cole, Mary.....	Portland	Pratt, Grace.....	Portland
Curtis, Leona B.....	Springville, Utah	Prinzing, Dorothy Margaret.....	Portland
Donahue, Eva L.....	Vale	Rawson, Erma.....	Salt Lake City, Utah
Dunnigan, Margaret.....	Sandpoint, Ida.	Riecke, Anna.....	Joplin, Missouri
Faeh, Jean.....	Albany	Rohay, Josephine.....	Boise, Idaho
Ferguson, Eleanor.....	Boise, Ida.	Rosenfeld, Dorothy.....	Bakersfield, Calif.
Fox, Ruth.....	Phoenix, Arizona	Sanders, Emily.....	Portland
Hibbard, Jane.....	Klamath Falls	Sanders, Irene.....	Portland
Howard, Maurine.....	Richfield, Utah	Schobert, Helen.....	Grand Ridge, Illinois
Kelting, Marjorie.....	Portland	Shanks, Martha E.....	Duchesne, Utah
Knapp, E. Kathryn.....	Salt Lake City, Utah	Sprenger, Ida.....	Nome, Alaska
Krell, Caroline S.....	Phoenix, Arizona	Wallace, Esther.....	Lebanon
Larson, Laura G.....	Portland	Wells, Etta Mae.....	Independence
Leffingwell, Anna.....	Lolo, Montana	Whalley, Anne.....	Eugene
Maskey, Lucille.....	Milwaukie	Whiting, Carolyn.....	Phoenix, Arizona

NURSING SUPERVISION

Parker, Malveson.....Portland

HOSPITAL ADMINISTRATION

Skooge, Myrtle.....Portland

ST. VINCENT'S HOSPITAL

Auld, Clarissa.....	Hillsboro	Nagely, Esther E.....	Portland
Borgan, Ellora.....	Portland	Pyron, Jessie L.....	Mist
Bowen, Dorothy May.....	Portland	Reiling, Edith.....	Woodburn
Clarke, Alberta B.....	Billings, Montana	Reiling, Thelma.....	Woodburn
Elliott, Bessie.....	Portland	Rose, Marjorie.....	Portland
Geiser, Patricia.....	Portland	Sister Damien.....	Portland
Gilles, Agnes.....	Kelso, Wn.	Sister Mary Ruth.....	Mt. Angel
Hegge, Dolores.....	Longview, Wn.	Stuart, Elizabeth.....	Albany
Leveckie, Elsie.....	Clatskanie	Wood, Dorothy.....	Bremerton, Wn.
Murray, Louise.....	Portland	Wright, Vern A.....	Dayton
Murray, Patricia.....	Pullman, Wn.		

GOOD SAMARITAN HOSPITAL

Backlund, Winifred.....	Portland	Oosterhoff, Suzanne.....	Lowell, Wn.
Baldwin, Ellen.....	Portland	Parsell, Patricia.....	Raymond, Wn.
Barber, Cora.....	Vancouver, Wn.	Pierson, Virginia.....	Portland
Busche, Mary Louise.....	Portland	Pope, Marian.....	Oregon City
Caldwell, Elizabeth.....	Portland	Pryke, Marjorie.....	Portland
Calow, Betty Jean.....	Lapine	Quam, Evelyn.....	Astoria
Cavaness, Helen.....	Beaverton	Rada, Barbara.....	Mill City
Chenoweth, Josephine.....	Portland	Rinehart, Juanita.....	Wrangell, Alaska
Dargitz, Yvonne.....	Acampo, Calif.	Rinehart, Mary.....	Portland
Drain, Nancy Mary.....	Portland	Rose, Lois.....	Parkdale
Emery, Jean.....	Portland	Saunders, Helen.....	The Dalles
Erhart, Ethel.....	Portland	Scott, Norah.....	North Battleford, Sask., Can.
Fountain, Saramae.....	Lapwia, Idaho	Smith, Elizabeth.....	Salem
Futter, Edith.....	Weston	Smith, Marion.....	Eugene
Giltner, Josephine.....	Forest Grove	Stark, Bernice.....	Aberdeen, Wn.
Hakala, Aura.....	Butte, Montana	Strieble, Laura.....	Harlowtown, Montana
Itschner, Margaret.....	Molalla	Trageser, Ina.....	Portland
Jennings, Ora Mae.....	Corvallis	Vogel, Sara Elizabeth.....	Union
Johnson, J. Cathryn.....	Wasco	Voss, Merle.....	Calgary, Canada
Kramer, Victoria.....	Portland	Welch, Freddy-Jane.....	Fossil
Mackay, DeOra.....	Newport	Whitney, Ruth.....	Portland
Marler, Audrey.....	Cherryville	Whitney, V. Glenrose.....	Albany
McDonald, Valerice.....	Bend	Williams, Cleo.....	Marshfield
Natterlund, Nancy.....	Westfir	Wilson, Mary Kay.....	Salem
Nordean, Lois.....	Portland	Younger, Margaret.....	Medford
Oberdorfer, Gerta.....	Portland		

MULTNOMAH COUNTY HOSPITAL

Abderholden, Elizabeth.....	Sheridan	Holcomb, Henrietta.....	Eugene
Alcock, Irene.....	Ashland	Hollen, Rita.....	Condon
Anderson, Doris.....	Marshfield	Holtgrive, Margaret.....	Bridal Veil
Bailey, Wilma Mae.....	Buxton	Huffman, Zoe.....	Albany
Baraby, Vivian.....	Pablo, Montana	Hunt, Margaret.....	Portland
Barry, Catharine.....	Lakeview	Imhoff, Veda.....	Oregon City
Beagle, Helma.....	Grants Pass	Johnson, Amy.....	Klamath Falls
Bones, Harriet.....	Gaylord	Johnston, Marjorie.....	Albany
Brown, Laura May.....	Portland	Knapp, Patricia.....	Portland
Brown, Marilyn.....	Portland	Leppere, Shirley.....	Portland
Buckman, Dorothy.....	Portland	Lickens, Rose Marie.....	Provoit
Centlivre, Lucille.....	Portland	Loosley, Ethelba.....	Ft. Klamath
Childs, Elizabeth.....	Albany	Lowe, Vera.....	Beaverton
Clark, Marguerite.....	Portland	MacLean, Rosebetty.....	Tacoma, Wn.
Conklin, E. Merle.....	Newberg	Martin, Margaret.....	Canby
Cook, Amelia.....	Tacoma, Wn.	Mason, June.....	St. Helens
Croci, Clarence.....	The Dalles	McCracken, Juanita.....	Vancouver, Wn.
Danilson, June.....	Portland	Meister, Elsie.....	Bend
Dean, Dorothy.....	Lafayette	Mumm, Daphne.....	Pendleton
Dement, Dorothy.....	Myrtle Point	Nelson, Miletta.....	Condon
Dickson, Mary.....	Tacoma, Wn.	Pett, Norma.....	Sumner
Easterday, Claudene.....	Portland	Piha, Victoria.....	Portland
Evans, Anna May.....	McMinnville	Pinkerton, Vera.....	Roseburg
Fairhurst, Barbara.....	Portland	Prouty, Beulah.....	Island City
Farlow, Marjorie.....	Portland	Reich, Olga.....	Portland
Farnsworth, M. Louise.....	Oregon City	Schaefer, Alice.....	Rainier
Foss, Laura.....	Vancouver, Wn.	Schlapkohl, Betty.....	Ontario
Foster, Hazel.....	The Dalles	Shelley, Frances.....	Tuscumbia, Alabama
Frick, Marian.....	Hood River	Shonyo, Helen.....	Lakeview
Gartin, Electa G.....	Caldwell, Idaho	Sicard, Beatrice.....	Woodburn
Ghormley, Dorothy.....	Portland	Spencer, Gretchen.....	Salem
Gillespie, Mary Jo.....	Keillogg, Idaho	Stadius, Ellen.....	Portland
Goff, Ruby.....	Forest Grove	Staub, Eleanor.....	Beaver Creek
Grebe, Gail.....	Portland	Stephenson, Vada.....	Portland
Grimes, Doris.....	Prineville	Stewart, Charlotte.....	Portland
Haines, Dorothy.....	Elkton	Stout, Marjorie.....	Portland
Haman, Faith.....	Portland	Summerton, Frances.....	Ashland
Hansen, Helen.....	Terrebonne	Swanson, Lucille.....	Portland
Harrington, Hallie.....	Eugene	Trumbull, Joy.....	Whitepine, Montana
Hartvedt, Marian.....	Touchet, Wn.	Wise, Catherine.....	Gresham
Hayden, Chesta.....	Springfield	Yarbrough, Bernice.....	Marshfield
Hiday, Doris.....	Salem	Yocom, Elizabeth.....	Eugene

DOERNBECHER HOSPITAL

Arne, Beryle C.....	Winlock	Loop, Fae Pearl.....	Burlington, Wn.
Cooney, Beth.....	Hermiston	Malone, Margaret.....	Elsie
Davis, Rosa T.....	Albany	Neeley, Doris L.....	Oakville, Wn.
Dinger, Marie.....	The Dalles	O'Toole, Colleen.....	Longview, Wn.
Dyke, Bessie.....	Astoria	Owen, Rose.....	Cheney, Wn.
Falsetto, Minnie.....	Spokane, Wn.	Peck, Queenie.....	Auburn, Wn.
Hansen, Harriet.....	Astoria	Ridders, Mary Ann.....	Albany
Herwick, Sally Ann.....	Ketchikan, Alaska	Tennyson, Bessie.....	The Dalles
Howard, Margaret.....	Hermiston	Thompson, Geneva.....	Walla Walla, Wn.
Kirk, Doris.....	Scio	Wooden, Irene Mae.....	Jewell
Latham, Elsie.....	Weston		

DEGREE STUDENTS (Graduate Nurses)

Bjorson, Esther.....	Portland	Holmes, Dorothy.....	Terrebonne
Bloom, Alyce.....	Portland	Howell, Romelia.....	Falls City
Brady, Hope.....	Portland	Imhoff, Vera.....	Oregon City
Darby, Margaret.....	Portland	King, Marjorie.....	Portland
Dunn, Lucille.....	Portland	Lyanse, Sarah.....	Hill City, Utah
Durman, Virginia C.....	Woodburn	Payton, Margaret.....	Portland
Fandrick, Ruth.....	Gladstone	Scott, Esther.....	Portland
France, Frieda.....	Portland	Stucker, Ruth.....	Portland
Ganiere, Ruth.....	Oregon City	Thompson, Helen.....	Silverton
Hiebert, Anna.....	Salem	Walker, Harriet.....	Portland

GRADUATE STUDENT

Marco, Nora Mary, B.S.....Portland

SPECIAL STUDENTS

Albrecht, Velma.....	Portland	Isaacson, Agnes.....	Portland
Barrett, Mary Ann.....	Portland	Johnson, Betty.....	Portland
Berggren, Margaret.....	Portland	Lockie, Jean M.....	Portland
Brownlee, Inez.....	Portland	Long, Thelma.....	Forest Grove
Greenwalt, Beatrice.....	Portland	Marsh, Ethel L.....	Forest Grove
Halvorson, E. Helen.....	Rice Lake, Wis.	Perry, Winifred.....	Portland
Howard, Mabel.....	Oregon City	Staats, Elnora M.....	Oregon City
Humphreys, Letha.....	Portland	Williamson, Asenath.....	Portland

SUMMER, 1937

PUBLIC HEALTH NURSING

Anderson, Florence M.....	Bozeman, Mont.	Hinegardner, Ruth.....	Eugene
Besendorfer, Lena.....	Salt Lake City, Utah	Howard, Maurine.....	Richfield, Utah
Black, Pearl.....	Glendale, Utah	Johnston, Juanita.....	Albany
Brocks, Gertrude T.....	Fresno, Calif.	Larson, Laura.....	Portland
Burt, Ada L.....	Salt Lake City, Utah	McCabe, Kathryn.....	Boise, Idaho
Cannon, Emma Cole.....	Nephi, Utah	Mickelson, Devota.....	Salem
Cole, Mary Lynch.....	Portland	Nordliind, Winnona.....	Coeur d'Alene, Idaho
Curtis, Leona B.....	Springville, Utah	Payton, Margaret.....	Portland
DeWitt, Grace W.....	Quincy, Illinois	Peffley, Ruth I.....	Great Falls, Montana
Donahue, Eva.....	Vale	Player, Alice.....	Portland
Elrod, Lela.....	Coquille	Portmann, Margaret.....	Tillamook
Faeh, Jean.....	Albany	Pratt, Grace.....	Portland
Gerber, Eunice.....	Springfield	Rosenfeld, Dorothy.....	Bakersfield, Calif.
Hall, Myrtle.....	Waldport	Sanders, Irene C.....	Portland
Havenor, Ruth C.....	Pocatello, Idaho	Shanks, Martha E.....	Duchesne, Utah
Hibbard, Jane.....	Klamath Falls	Sherman, Ethel.....	Boulder, Colo.
Hill, Mary H.....	Salt Lake City, Utah	Walker, Harriet.....	Portland

HOSPITAL SCHOOLS

Birrel, Jeane.....	Milwaukie	Meister, Elsie.....	Bend
Borgan, Ellora.....	Portland	Moore, Helen.....	Sisters
Carroll, Garnet.....	Pendleton	Oberdorfer, Gerta.....	Portland
Catlow, Betty Jean.....	Lapine	Oosterhoff, Suzanne.....	Lowell, Wn.
Centlivre, Carolyn L.....	Portland	Pahl, Phyllis.....	Vancouver, Wn.
Crawford, Dorothy E.....	Eugene	Paulsen, Bernice.....	Portland
Croeni, Clarene.....	The Dalles	Pett, Norma.....	Sumner
Dickey, Helen L.....	Scappoose	Schroder, Frances.....	Billings, Mont.
Farlow, Marjorie E.....	Portland	Stark, Bernice.....	Aberdeen, Wn.
George, Alice.....	Salem	Stewart, Charlotte.....	Portland
Harwood, Gweneth.....	Eugene	Stout, Marjorie.....	Portland
Hegge, Karen.....	Portland	Summerton, Frances.....	Ashland
Hollen, Reta.....	Condon	Trefren, Hila Ann.....	Portland
Holtgrieve, Margaret.....	Bridal Veil	Trumbull, Joy.....	Whitepine, Mont.
Huffman, Zoe.....	Albany	Van Dermark, Leila.....	Medford
Johnson, Betty Mae.....	Portland	Wise, Catherine.....	Gresham
Kirstein, Lois.....	Portland	Yarbrough, Bernice.....	Marshfield
Martin, Margaret.....	Canby		

DEGREE CURRICULUM

*Bachman, Lucile A.....	Hood River	*Johnston, Marjorie.....	Albany
Baer, Eleanor.....	Portland	*Kinney, E. Jan.....	Roseburg
*Baldwin, Ellen.....	Portland	*Leppere, Shirley.....	Portland
*Barnaby, Vivian.....	Chemawa	*Loosley, Ethelba.....	Fort Klamath
*Barry, Catharine.....	Lakeview	Lyanee, Sarah.....	Hill City, Idaho
Brady, Hope.....	Portland	*Rada, Barbara.....	Mill City
*Buckman, Dorothy.....	Portland	*Reich, Olga.....	Portland
*Childs, Elizabeth.....	Albany	*Sammons, Margaret.....	San Mateo, Calif.
*Clark, Marion.....	Portland	*Schaefer, Alice.....	Westport
*Dunn, Lucille.....	Portland	*Schlapkohl, Betty.....	Ontario
*Easterday, Claudene.....	Portland	Scott, Esther R.....	Portland
*Frick, Marian.....	Hood River	*Shonyo, Helen.....	Lakeview
*Ghormley, Dorothy.....	Portland	*Smith, Marion.....	Eugene
*Goff, Ruby.....	Forest Grove	*Spencer, Gretchen.....	Salem
*Gorman, Mary.....	Salt Lake City, Utah	*Vogel, Sara Elizabeth.....	Union
*Grebe, Gail.....	Portland	*Voss, Merle A.....	Calgary, Canada
*Haman, Faith.....	Portland	*Welch, Freddy-Jane.....	Fossil
*Haslinger, Frances.....	Hood River	*Whitney, V. Glenrose.....	Albany
*Hayden, Chesta.....	Springfield	*Yocom, Elizabeth.....	Eugene
*Holcomb, Henrietta.....	Eugene	*Younger, Margaret.....	Medford
*Johnson, Amy.....	Klamath Falls		

* Students in hospital schools for summer term.

SPECIAL

Cox, Hazel.....	Newberg	Schreyer, Cecil.....	Multnomah
DePrez, Clair.....	Cornelius	Spredborough, Laura.....	Kalama, Wn.
Driscoll, Dorothy.....	Portland	Stranahan, Julia.....	Portland
Hiatt, Joelle.....	Arlee, Montana	Wilson, Evelyn.....	Portland
Nelson, Ethyl.....	Chemelah, Wn.		

Summary of Enrollment and Degrees 1937-38

SUMMARY OF ENROLLMENT, MEDICAL SCHOOL, 1937-38

	Men	Women	Total
First Year.....	68	2	70
Second Year.....	56	5	61
Third Year.....	61	5	66
Fourth Year.....	54	2	56
Total, Regular Students.....	239	14	253
Graduate.....	5	8	13
Special and Auditors.....	5	4	9
Total.....	249	26	275

SUMMARY OF ENROLLMENT, NURSING EDUCATION, 1937-38

Advanced Certificate Students:	
Hospital Administration.....	1
Nursing Supervision.....	1
Public Health Nursing.....	42
Students in Hospital Schools:	
Good Samaritan Hospital.....	51
St. Vincent's Hospital.....	21
Multnomah County Hospital.....	84
Doernbecher Hospital.....	21
Degree students (Graduate Nurses).....	20
Graduate Student.....	1
Special and Auditors.....	16
Total.....	258

SUMMARY OF ENROLLMENT, SUMMER COURSE IN NURSING, 1937

Public Health Nursing.....	34
Students in Hospital Schools.....	72
Degree Students (Graduate Nurses).....	4
Special and Auditors.....	9
Total.....	119

SUMMARY OF DEGREES AND CERTIFICATES GRANTED

	Medicine*	Nursing Education†	
Doctor of Medicine.....	55		
Bachelor of Arts.....		6	
Bachelor of Science.....		13	
Certificate in Public Health Nursing.....		26	
Certificate in Nursing Supervision.....		1	
Certificate in Hospital Administration.....		1	
Certificate in Obstetrical Nursing.....		1	

* 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 various hospital schools.

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