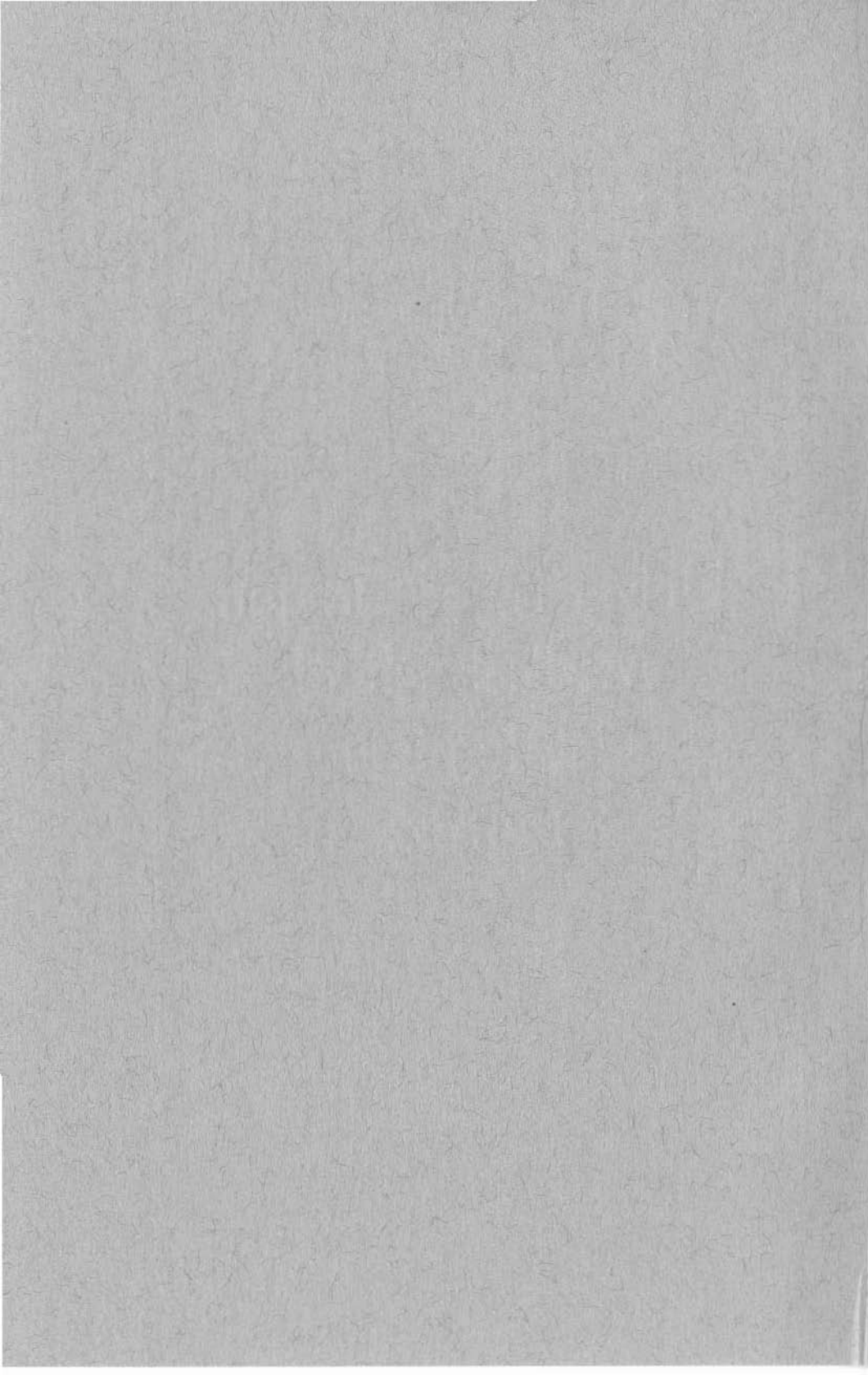


OREGON  
State System of  
Higher Education  
BULLETIN



University of Oregon  
Medical School  
Catalog Issue  
1941-42

Portland, Oregon



UNIVERSITY OF OREGON  
MEDICAL SCHOOL

# CATALOG

1941-42



PORTLAND, OREGON

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## Oregon State System of Higher Education

THE Oregon State System of Higher Education, as organized in 1932 by the State Board of Higher Education following a Federal survey of higher education in Oregon, includes all the state-supported institutions of higher learning. The several institutions 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 Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School, located on a separate campus in Portland, is administratively autonomous but traditionally and academically an integral part of the University of Oregon.

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

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

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 Office of the State Board of Higher Education  
 Eugene, Oregon

# Oregon State System of Higher Education

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1941

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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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
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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	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	.....	.....	.....	.....

October

S	M	T	W	T	F	S
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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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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	.....	.....	.....

December

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	.....	.....	.....

Fall Term, 1941-42

September 24 to 30, *Wednesday* to  
*Tuesday*.....Comprehensive examination for  
first- and second-year students

October 1, *Wednesday*.....Examination for  
removal of conditions, third-year students

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

October 3, *Friday*.....Instruction begins

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

November 20, *Thursday*.....Thanksgiving Day,  
a holiday

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

December 21 to January 1, *Sunday* to  
*Thursday*.....Christmas vacation

Winter Term, 1941-42

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

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

March 21, *Saturday*.....Winter term ends

March 22 to 29, *Sunday* to  
*Sunday*.....Spring vacation

MEDICAL SCHOOL

1942

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

S	M	T	W	T	F	S
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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	.....	.....

March

S	M	T	W	T	F	S
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	.....	.....

April

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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, 1941-42

March 30, *Monday*.....Instruction begins for  
medical students

March 30, *Monday*.....Registration for nursing  
students

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

June 12, *Friday*.....Commencement

June 13, *Saturday*.....Spring term ends

Summer Term, 1942 (Nursing Education)

June 22, *Monday*.....Registration

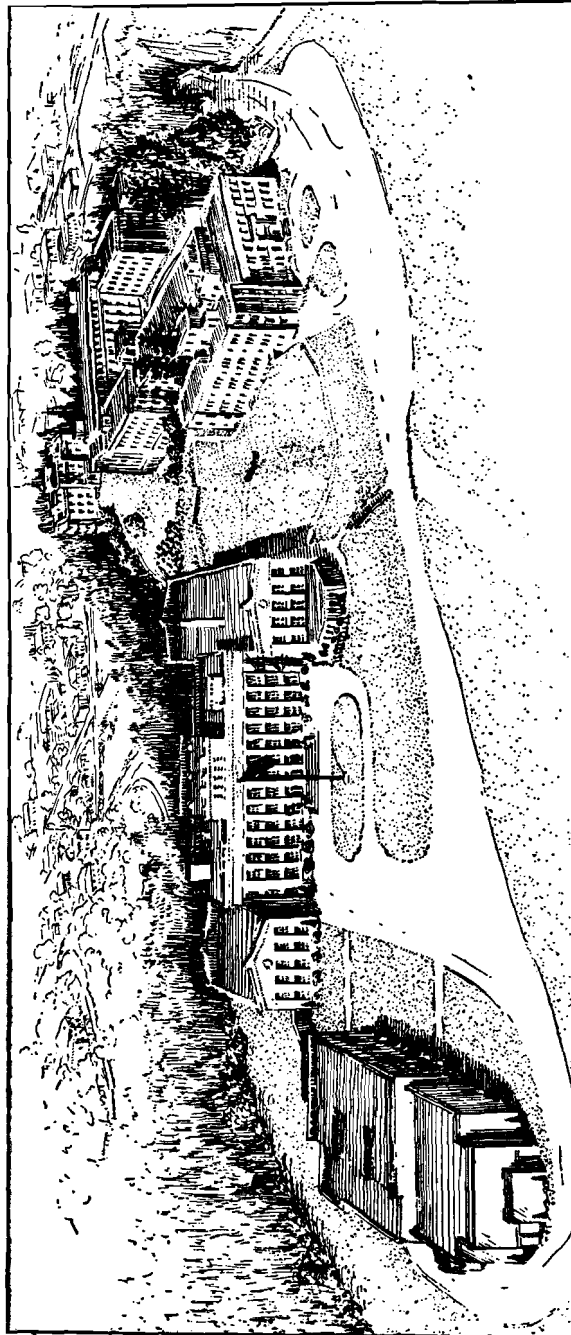
June 23, *Tuesday*.....Instruction begins

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

September 4, *Friday*.....Summer term ends

Fall Term, 1942-43

October 1, *Thursday*.....Registration



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

# University of Oregon Medical School

## Faculty

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor, Oregon State System of Higher Education.  
 DONALD MILTON ERB, Ph.D., President, University of Oregon.  
 RICHARD BENJAMIN DILLEHUNT, M.D., Dean of the Medical School.  
 DAVID W. E. BAIRD, M.D., Associate Dean of the Medical School.  
 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 of Dermatology.  
 ALBERT EDWARD MACKAY, M.D., Emeritus Professor of Urology.  
 CHARLES RICHARD MCCLURE, M.D., Emeritus Professor of Orthopaedic Surgery.  
 JOHN E. WEEKS, M.D., Honorary Professor of Ophthalmology.  
 HARRY R. CLIFF, M. D., Director Emeritus, Multnomah Hospital.

### *Basic-Science Departments*

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 OLOF LARSELL, Ph.D., Professor.  
 ROBERT S. DOW, M.D., Ph.D., Assistant Professor.  
 JOHN TROMMALD, M.D., Graduate Assistant.  
 ROBERT F. ANDERSON, A.B., Student Assistant.  
 JOHN PIERSON, B.A., Student Assistant.  
 HILDING OLSON, B.A., Student Assistant.  
 IAN MACDONALD, B.A., Student Assistant.  
 ARCHIE TUNTURI, Research Assistant.  
 FRED CLAUSEN, E.E., Technician.  
 DOROTHY JANE SCOTT, B.A., Technician.

#### BAACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

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 NICHOLAS P. SULLIVAN, B.S., M.S., Graduate Assistant.  
 AVIS L. FROST, Technician.

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 ROBERT E. RINEHART, B.S., Student Assistant.  
 FRANCIS J. REITHEL, M.A., Student Assistant.  
 FRANK K. THOMPSON, M.A., Research Assistant.

## PATHOLOGY

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 VINTON D. SNEEDEN, M.D., Instructor.  
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 JOHN M. GUISS, M.D., Resident in Surgery.  
 LESLIE S. PORTER, M.D., Resident in Orthopaedic Surgery.  
 LEONARD OFFIELD, M.D., Resident in Urology.  
 JOHN F. LARSELL, B.A., Noble Wiley Jones Research Fellow.  
 MARY C. EDWARDS, Stenographer.  
 PATRICIA A. JOHNSON, Stenographer.  
 LILLIAN EKSTROM, Technician.  
 VIOLA S. QUIGLEY, Technician.  
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 WINIFRED WHEELDON, Assistant in Research.

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 NILKANTH PHATAK, Ph.D., Instructor.  
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 DONOVAN O. COOKE, B.S., Student Assistant.

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 DEWEY CAMPBELL, Technician.

## MILITARY SCIENCE AND TACTICS

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*Clinical Departments*

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 OTTO H. GRUNOW, M.D., Resident.  
 \*RALPH HAYES, R.T., Chief Technician.  
 JOHN MARSH, Chief Technician.

*Dental Medicine*

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 WILLIAM R. PRICE, D.M.D., Clinical Instructor.  
 J. D. FINLEY, D.M.D., Clinical Instructor.  
 ARTHUR F. WEEKS, D.M.D., Clinical Instructor.  
 SAMUEL A. BRANDON, D.D.S., Clinical Instructor.  
 ROBERT L. JEFFCOTT, D.M.D., Clinical Instructor.  
 HOWARD R. URFER, D.M.D., Clinical Instructor.  
 \*HENRY C. FIXOTT, JR., D.M.D., Clinical Instructor.  
 RICHARD B. KELLER, D.M.D., Clinical Instructor.  
 THOMAS S. DULIN, JR., D.M.D., Clinical Instructor.  
 FLOY H. DeCAMP, D.D.S., Clinical Instructor.  
 CHARLES E. SMITH, D.D.S., Resident.

*SURGERY**General Surgery*

THOMAS MARTIN JOYCE, M.D., Kenneth A. J. Mackenzie Professor of Surgery; Head of Department.  
 WILLIAM BURROUGHS HOLDEN, M.D., Clinical Professor.  
 EUGENE WATSON ROCKEY, M.D., Clinical Professor.

\* Extended active duty with the Army or Navy.

JOHN A. GIUS, M.D., Associate Professor.  
 GEORGE NORMAN PEASE, M.D., Associate Clinical Professor.  
 LOUIS PHAON GAMBEE, M.D., Associate Clinical Professor.  
 JOHN RAAF, M.D., Associate Clinical Professor.  
 RALPH CHARLES MATSON, M.D., Associate Clinical Professor.  
 DEAN SEABROOK, M.D., Assistant Professor.  
 OLIVER MARTIN NISBET, M.D., Assistant Clinical Professor.  
 WILLIAM KENNETH LIVINGSTON, M.D., Assistant Clinical Professor.  
 RALPH M. DODSON, M.D., Assistant Clinical Professor.  
 EDWARD WALTER ST. PIERRE, M.D., Assistant Clinical Professor.  
 CLARENCE WILLIAM BRUNKOW, M.D., Assistant Clinical Professor.  
 ADALBERT G. BETTMAN, M.D., Clinical Associate.  
 BANNER RAYMOND BROOKE, M.D., Clinical Associate.  
 WALTER WRIGHT BLACK, M.D., Clinical Associate.  
 EDWARD ELLIS RIPPEY, M.D., Clinical Associate.  
 KARL H. MARTZLOFF, M.D., Clinical Associate.  
 MILLARD S. ROSENBLATT, M.D., Assistant Clinical Professor.  
 JOHN C. ADAMS, M.D., Clinical Associate.  
 WINFRED HENRY BUEERMAN, Ph.D., M.D., Clinical Associate.  
 \*GORDON K. SMITH, M.D., Clinical Associate.  
 \*RUSSELL L. JOHNSRUD, M.D., Clinical Instructor.  
 WALTER L. KELSEY, M.D., Clinical Associate.  
 \*SANTE D. CANIPAROLI, M.D., Clinical Instructor.  
 MARTIN A. HOWARD, M.D., Clinical Instructor.  
 F. FLOYD SOUTH, M.D., Clinical Instructor.  
 ARTHUR C. JONES, M.D., Clinical Instructor.  
 \*LAURIE PAUL LIND, M.D., Clinical Instructor.  
 ROBERT BELL SMALLEY, M.D., Clinical Instructor.  
 D. C. BOLLAM, M.D., Clinical Instructor.  
 ARCH DIACK, M.D., Clinical Associate.  
 LESTER R. CHAUNCEY, M.D., Clinical Instructor.  
 RUDOLPH A. BISSETT, M.D., Clinical Instructor.  
 ROBERT H. SWINNEY, M.D., Instructor.  
 \*FRANK PACKARD, M.D., Instructor.  
 JOSEPH M. ROBERTS, M.D., Clinical Instructor.  
 DONALD R. LAIRD, M.D., Clinical Associate.  
 JOHN TROMMARD, M.D., Clinical Instructor.  
 CHARLES E. GURNEY, M.D., Clinical Associate.  
 MATTHEW MCKIRDIE, M.D., Instructor.  
 BRADFORD NORMAN PEASE, M.D., Clinical Instructor.  
 WERNER E. ZELLER, M.D., Resident.  
 FRANCIS WOOLIEVER, M.D., Assistant Resident.  
 JOHN M. GUISS, M.D., Assistant Resident.

*Orthopaedic Surgery*

RICHARD BENJAMIN DILLEHUNT, M.D., Clinical Professor; Head of Division.  
 OTIS FRANKLIN AKIN, M.D., Clinical Professor.  
 LAWRENCE NOALL, M.D., Associate Professor.  
 HARRY C. BLAIR, M.D., Assistant Clinical Professor.  
 CARL ELMER CARLSON, M.D., Assistant Clinical Professor.

\* Extended active duty with the Army or Navy.

LEO SHERMAN LUCAS, M.D., Assistant Clinical Professor.  
 E. GEORGE CHUINARD, M.D., Assistant Clinical Professor.  
 GILBERT MCKELVEY, M.D., Assistant Clinical Professor.  
 \*RICHARD F. BERG, M.D., Clinical Instructor.  
 JOE BRADY DAVIS, M.D., Clinical Instructor.

*Ophthalmology*

FREDERICK ANDREWS KIEHLE, M.D., Professor; Head of Department.  
 WILSON JOHNSTON, M.D., Associate Clinical Professor.  
 AUGUSTUS BERTRAM DYKMAN, M.D., Associate Clinical Professor.  
 HARRY MONROE HENDERSHOTT, M.D., Associate Clinical Professor.  
 ANDREW JOHNSON BROWNING, M.D., Associate Clinical Professor.  
 CANFIELD BEATTIE, M.D., Assistant Clinical Professor.  
 EDGAR MERLE TAYLOR, M.D., Assistant Clinical Professor.  
 IRA EARL GASTON, M.D., Clinical Associate.  
 \*RICHARD S. FIXOTT, M.D., Clinical Instructor.  
 MILTON B. STEINER, M.D., Clinical Instructor.  
 \*GEORGE C. SAUNDERS, M.D., Clinical Instructor.  
 SQUIRE S. BOZORTHE, M.D., Clinical Instructor.  
 E. A. UNDERWOOD, M.D., Clinical Instructor.  
 WILFORD H. BELKNAP, M.D., Clinical Instructor.  
 FLOYD L. DUNNAVAN, M.D., Clinical Instructor.  
 \*GEORGE H. HENTON, M.D., Clinical Fellow.  
 W. CHARLES MARTIN, M.D., Resident.

*Otology, Rhinology, and Laryngology*

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

\* Extended active duty with the Army or Navy.

*Urology*

JOHN GUY STROHM, M.D., Clinical Professor; Head of 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.  
 HAROLD L. BLOSSER, M.D., Clinical Instructor.  
 THOMAS R. MONTGOMERY, M.D., Clinical Instructor.  
 WARREN E. NIELSEN, M.D., Clinical Instructor.  
 LEONARD OFFIELD, M.D., Resident.

*Anaesthesiology*

JOHN H. HUTTON, M.D., Assistant Clinical Professor; Head of Division.  
 RUSSELL W. ENOS, M.D., Clinical Instructor.  
 NORVAL E. HAMILTON, M.D., Clinical Instructor.  
 DOLORES DEFACCIO, M.D., Fellow.  
 MARJORIE NOBLE, M.D., Resident.

## OBSTETRICS AND GYNECOLOGY

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

## PEDIATRICS

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

\* Extended active duty with the Army or Navy.

*Executive Faculty of Medical School*

FREDERICK MAURICE HUNTER, Chancellor of the State System of Higher Education; DONALD M. ERB, President of the University of Oregon; RICHARD B. DILLEHUNT, Dean of the Medical School; WILLIAM F. ALLEN, DAVID W. E. BAIRD, JOSEPH B. BILDERBACK, 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, RALPH C. MATSON, FRANK R. MENNE, EDWIN E. OSGOOD, HARRY J. SEARS, LAURENCE SELLING, J. GUY STROHM, RAYMOND E. WATKINS, EDWARD S. WEST, RALF COUCH (secretary ex officio).

## STANDING COMMITTEES

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

*Administrative and Service Divisions*

## ADMINISTRATION

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

## REGISTRAR'S OFFICE

LUCY DAVIS PHILLIPS, Registrar.  
 ERMA G. SPRAGG, Secretary.

## LIBRARY

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

## BUSINESS OFFICE

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

## TELEPHONE EXCHANGE

IDA F. LUKE, Head Telephone Operator.

## 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., Medical Director of Hospitals.  
RALF COUCH, A.B., Administrator of Hospitals.  
WILLIAM A. ZIMMERMAN, B.S., Assistant to the Administrator.  
VADA AUMANN, Secretary.

LAURENCE SELLING, M.D., Chief of Medical Service.  
THOMAS M. JOYCE, M.D., Chief of Surgical Service.  
RAYMOND D. WATKINS, M.D., Chief of Obstetrical and Gynecological Service.  
J. B. BILDERBACK, M.D., Chief of Pediatric Service.  
RALPH A. FENTON, M.D., Chief of Otolaryngological Service.  
FREDERICK A. KIEHLE, M.D., Chief of Ophthalmological Service.  
HENRY H. DIXON, M.D., Chief of Psychiatric Service.  
LYLE B. KINGERY, M.D., Chief of the Dermatological and Syphilological Service.  
ARTHUR W. CHANCE, D.D.S., M.D., Chief of Dental Medical Service.  
RICHARD B. DILLEHUNT, M.D., Chief of Orthopaedic Service.  
J. GUY STROHM, M.D., Chief of Urological Service.  
DORWIN L. PALMER, M.D., Chief of Radiological Service.  
HOWARD P. LEWIS, M.D., Chief of Clinical Laboratory.  
FRANK R. MENNE, M.D., Chief of Pathological Service.  
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.  
PAUL V. WOOLLEY, M.D., Assistant Medical Director.  
GRACE PHELPS, R.N., Superintendent.

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

MARIE RASSIER, R.N., Admitting.  
\*MARGARET DEMKE, R.N., Medical Records.  
ELLEN TEVINE, R.N., Medical Records.  
MABEL McELLAGOTT, R.N., Surgery Supervisor.  
MONA CAMPBELL, B.A., Dietitian.  
MALVESON PARKER, R.N., Supervisor.  
VERA IMHOFF, R.N., Supervisor.  
EVELYN J. CAMILLO, R.N., Supervisor.

*General Outpatient Unit*

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

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

*Multnomah Hospital Unit*

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

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

ETHEL KATHERINE SEARS, R.N., Supervisor of Nurses.

\* Extended active duty with the Army or Navy.

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

### *Tuberculosis Hospital Unit*

RICHARD BENJAMIN DILLEHUNT, M.D., Dean.  
 DAVID W. E. BAIRD, M.D., Medical Director.  
 WILLIAM CONKLIN, M.D., Assistant Medical Director.  
 RALF COUCH, A.B., Administrator.  
 MARGARET M. SARCENT, R.N., Superintendent.

RALPH C. MATSON, M.D., Associate Clinical Professor and Chief Surgeon.  
 MARR BISAILLON, M.D., Assistant Clinical Professor.  
 GROVER C. BELLINGER, M.D., Clinical Associate.  
 JAMES T. SPEROS, M.D., Director of Outpatient Clinic.  
 HOWARD P. LEWIS, M.D., Director of Laboratory.  
 DORWIN L. PALMER, M.D., Radiologist.  
 JOHN L. HUTTON, M.D., Anaesthetist.  
 FRANK R. MENNE, M.D., Pathologist.

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

AMELIA HANSELL, R.N., Surgery Supervisor.  
 JEAN LANGILLE, Dietitian.  
 JAMES C. SHIRLEY, Ph.G., Pharmacist.  
 DELPHIA GIBSON, R.N., Supervisor.  
 SADIE MCKEEHAN, R.N., Supervisor.  
 ROBERTA CRAWFORD, Technician.  
 MARY BETH STEWARD, Technician.  
 WALTON O. HARRISON, Engineer.  
 GRACE HIRT, Admitting Nurse.

### *Visiting Physician Service*

RANDALL WHITE, M.D., Multnomah County Physician.  
 ANTON D. ELMER, M.D., Physician.  
 HAROLD DOBBINS, M.D., Physician.

SOPHIA WARNER, M.D., Physician.  
 CATHERINE MOLLENHOUR, R.N., Nurse.  
 LOIS BRADFORD, R.N., Nurse.

### *Child Guidance Clinic*

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

#### STATE EXTENSION—CHILD GUIDANCE

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

### *Crippled Children's Division*

RODERICK E. BEGG, M.D., Director.  
 ALYCE BLOOM, R.N., Orthopaedic Nurse Consultant.  
 MARGARET SIMPSON, R.N., Orthopaedic Nurse Consultant.  
 HARLAND SHANK, Auditor.  
 CLARICE KELLY, Secretary.

## The Medical School

THE University of Oregon Medical School has been in continuous operation since 1887, when it was granted a charter by the regents of the University of Oregon. Although the Medical School, because of its location in a different city from the other schools of the University, is granted administrative and faculty autonomy, the academic position of the school as an integral part of the University, established by its charter, has been strengthened by long-standing tradition, and is recognized under the organization plan of the Oregon State System of Higher Education.

On September 1, 1913, the Willamette University department of medicine was merged with the Medical School, leaving the University of Oregon Medical School the only medical school in the Pacific Northwest. Under the terms of the merger, the students of the Willamette University medical department were transferred to the University of Oregon Medical School, and upon graduation received diplomas indicative of the consolidation. The alumni bodies of the two institutions were also merged.

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

## Location

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

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

## Campus and Buildings

**P**RIOR to 1919 the Medical School was housed in a three-story frame building at Twenty-third and Lovejoy streets near the Good Samaritan Hospital.

In 1919 the school was moved to a twenty-acre tract deeded to the regents of the University by the Oregon-Washington Railroad and Navigation Company in 1914, as a campus for future development of a center of medical teaching and research. The campus was enlarged in 1924 by the addition of Sam Jackson Park, an adjoining tract of eight-eight acres, a gift of Mrs. C. S. Jackson and Mr. Philip Jackson in behalf and in memory of the late Mr. C. S. Jackson. The entire campus of one hundred and eight acres occupies a site of exceptional scenic grandeur, at an elevation overlooking the city and the Willamette River, isolated from noise and smoke but within one and one-half miles of the business center. It affords an ideal setting for Medical School buildings and affiliated hospitals. In 1920 the University conveyed to Multnomah County nine acres on the campus for the construction of a general charity hospital. In 1926 a tract of twenty-five acres was deeded to the United States government as a site for a Veterans' Bureau hospital of three hundred beds.

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

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

**The Doernbecher Memorial Hospital for Children** (1926) was financed through a gift of \$200,000 in 1924 by Mrs. E. W. Morse and Mr. Edward Doernbecher in memory of their father, the late Mr. F. S. Doernbecher. This fund was augmented by individual gifts totaling \$120,000. The hospital contains 80 beds

for children. It provides exceptional facilities for the care of sick and disabled children committed to the Medical School by the counties of the state under the Children's Hospital Service Law.

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

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

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

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

## Clinical and Special Facilities

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

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

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

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

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

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

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

**Extramural Clinics.** Clinics and ward walks for small classes are conducted in a number of hospitals not situated on the Medical School campus—at Good Samaritan Hospital, Emanuel Hospital, Shriners' Hospital for Crippled Children, Waverly Baby Home, Albertina Kerr Nursery, and 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 600 autopsies are performed a year. This arrangement materially augments the Pathological Museum and affords unusual opportunity for teaching in pathology and medical jurisprudence, besides assuring authoritative records for medicolegal purposes. The Museum has gross and tissue specimens numbering many thousands.

## Library

THE Medical School Library contains more than 30,000 volumes and receives 443 current journals. Through the privilege of interlibrary loans it is possible to procure within a few days volumes not contained in this collection. The Library is supported from the general Medical School fund. In addition, the Oregon State Board of Medical Examiners, the Portland Academy of Medicine, and the Portland City and County Medical Society contribute annually toward its maintenance.

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

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

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

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

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

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

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

## Admission and Requirements

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

Applicants for admission are required to have satisfactorily completed four years in an accredited high school, or its equivalent, and collegiate preparation covering not less than three years of study in an acceptable institution. Preparation for entrance to the University of Oregon Medical School must include the following:

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

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

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

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

	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 anatomy, physiology, etc., at the expense of the fundamental courses listed above.

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

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

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

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

The University of Oregon, Oregon State College, and most of the colleges and universities of the Pacific Northwest recognize credit earned by a student during his first year at the Medical School as credit earned in residence toward the bachelor's degree. Medical students receiving their bachelor's degree from the University of Oregon must satisfy major requirements in arts and letters or social science; medical students receiving their bachelor's degree from Oregon State College must satisfy major requirements in science.

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

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

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

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

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

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

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

**Requirements for Degrees.** Work is offered at the Medical School leading to Doctor of Medicine, Master of Arts, Master of Science, and Doctor of Philosophy degrees. Graduate and professional degrees earned at the Medical School are conferred by the University of Oregon, upon recommendation of the faculty of the Medical School.

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

**M.A., M.S., and Ph.D. Degrees.** The Medical School offers graduate instruction leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees in the medical sciences: anatomy, bacteriology, biochemistry, pathology, pharmacology, and physiology. The Medical School admits as candidates for graduate degrees in these fields only those students who are preparing for a professional career in medicine or allied fields, such as dentistry, nursing, medical or dental technician. 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.

## Summer Courses

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

## Fees and Deposits

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

### REGULAR FEES

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

### GRADUATE FEES\*

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

### DEPOSITS

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

### SPECIAL FEES

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

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

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

<sup>3</sup> Graduate students do not pay the nonresident fee.

<sup>4</sup> See under ADMISSION AND REQUIREMENTS.

<sup>5</sup> 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.

### MICROSCOPES

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

### FEE REFUNDS

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

(1) Any claim for refund must be made in writing before the close of the term in which the claim originated.

(2) Refunds in all cases shall be calculated from the date of application for refund and not from the date when the student ceased attending classes, except in unusual cases when formal withdrawal has been delayed through causes largely beyond the control of the student.

### REGULATIONS GOVERNING NONRESIDENT TUITION

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

In order to draw a clear line between resident and nonresident students, the Board has ordered that all students in the institutions under its control who have not been domiciled in Oregon for more than one year immediately preceding the day of their first enrollment in the institution shall be termed nonresident students, with the following exceptions:

(1) Students whose father (or mother, if the father is not living) is domiciled in the state of Oregon.

(2) Children of regular employees of the Federal government stationed in the state of Oregon.

(3) Students holding bachelor's or higher degrees from higher educational institutions whose work is acceptable as preparation for graduate work.

## Fellowships, Scholarships, Loan Funds, Prizes

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

**Kenneth A. J. Mackenzie Memorial Fellowships.** These fellowships, established in 1939 and endowed through the income of a bequest from the late Mildred Anna Williams, are awarded annually to a student or students completing premedical work at the University of Oregon, for the study of medicine at the University of Oregon Medical School. The awards are made by the president of the University and the dean of the Medical School on the basis of scholarship and economic need. The number of awards varies each year, depending upon the size of the endowment income.

**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. It is awarded to a student of promise in the field of medicine.

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

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

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

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

**Henry Waldo Coe Prize.** This prize, founded in 1929, is awarded 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.

## Endowment Funds

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

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

**The Kenneth A. J. Mackenzie Memorial Fund (1940),** amounting to \$250,000, was given to the University of Oregon by the late Mildred A. Williams in memory of Dr. Kenneth A. J. Mackenzie. Of the annual income of this fund, \$1,000 is devoted to scholarships for medical students and the remainder (approximately \$5,000) is devoted to the support of the Department of Surgery.

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

**Jones Lectureship in Medicine.** The Jones Lectureship in Medicine, founded by Dr. Noble Wiley Jones of Portland, provides the income from a \$5,000 fund for a series of lectures by an authority in some branch of medical science. The first lectures were given in 1920 by Professor Ludwig Hektoen, professor of pathology, University of Chicago; the second in 1921, by Professor William Ophüls, professor of pathology, Stanford University; the third in 1922, by Sir Thomas Lewis of London; the fourth in 1925, by Dr. A. J. Carlson, University of Chicago; the fifth, in 1926, by Dr. Martin H. Fisher, professor of physiology; University of Cincinnati; the sixth in 1928, by Dr. Julius Bauer of Vienna; the seventh in 1931, by Dr. E. T. Bell, professor of pathology, University of Minnesota Medical School; the eighth in 1932, by Dr. W. B. Cannon, professor of physiology, Harvard University; the ninth in 1933, by Dr. George H. Whipple, dean of the University of Rochester Medical School; the tenth in 1934 by Dr. John Farquhar Fulton, Sterling professor of physiology, Yale University School of Medicine; the eleventh in 1935, by Dr. Wilder Penfield, professor of neurology and neurosurgery, McGill University; the twelfth in 1938, by Dr. Eugene M. Landis, assistant professor of medicine, University of Pennsylvania; the thirteenth in 1940, by Dr. Herbert M. Evans, professor of anatomy and Herzstein professor of biology, University of California; and the fourteenth in 1941, by Dr. Bradley M. Patten, professor and director of the Department of Anatomy, University of Michigan.

## 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

**C**HAPTERS 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 1941-42 are:

DR. RICHARD B. ADAMS, Portland.....	President
DR. F. WALTER BRODIE, Portland.....	Vice-President
DR. DWIGHT FINDLEY, Medford.....	Vice-President
DR. EVERETT JONES, Boise.....	Vice-President
DR. CHRISTIAN MELGARD, Seattle.....	Vice-President
DR. EDMUND H. BERGER, Portland.....	Secretary
DR. CARL G. ASHLEY, Portland.....	Treasurer

## Curriculum in Medicine

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

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

The prescribed and recommended subjects for the first, second, and third undergraduate years—*i.e.*, premedical instruction—are described under **ADMISSION AND REQUIREMENTS**. In the first, second, third, and fourth years at the Medical School there are 4,471 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.	Clinic	Total	
An 411, 412, 413.....Anatomy .....	99	297	.....	396	18
An 414.....Histology .....	33	99	.....	132	6
An 415.....Embryology .....	22	66	.....	88	4
An 511.....Neurology .....	22	66	.....	88	4
Bac 413.....Bacteriology .....	33	99	.....	132	6
BCh 411, 412.....Biochemistry .....	66	165	.....	231	11
Phy 412.....Physiology .....	33	66	.....	99	5
Mil 411, 412, 413.....Military .....	33	.....	.....	33	3
	341	858	.....	1,199	57

Second Year	Aggregate hours				Term hours
	Lecture	Lab.	Clinic	Total	
Bac 414.....Bacteriology .....	22	66	.....	88	4
Pth 511, 612.....Pathology .....	66	198	.....	264	12
Phc 511, 512.....Pharmacology .....	110	66	.....	176	12
Phy 411, 413.....Physiology .....	66	132	.....	198	10
Med 611.....Medicine (Recitations) .....	22	.....	.....	22	2
Med 612, 613, 614.....Medicine (Phys. Diag.) .....	44	.....	44	88	6
Med 511.....Medicine (Lab. Diag.) .....	33	99	.....	132	6
Ps 611.....Neuropathology and Psychopathology .....	11	.....	.....	11	1
Sur 611.....Surgery .....	22	.....	.....	22	2
Mil 414, 415, 416.....Military .....	33	.....	.....	33	3
	429	561	44	1,034	58

### Third Year

<b>BACTERIOLOGY:</b>					
Bac 511.....Principles of Public Health .....	33	.....	.....	33	3
<b>PATHOLOGY:</b>					
Pth 514.....Gynecological and Obstetrical Pathology.....	11	22	.....	33	1½
Pth 515.....Laboratory Neuropathology .....	.....	22	.....	22	1
<b>MEDICINE:</b>					
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	¼
<b>RADIOLOGY:</b>					
Rad 611, 612, 613.....Radiographic Diagnosis .....	33	.....	.....	33	1½
<b>SURGERY:</b>					
Sur 612, 613.....Recitation .....	44	.....	.....	44	2
Sur 615.....Physiotherapy .....	11	.....	.....	11	½
Sur 640, 641, 642.....Clerkships .....	.....	.....	66	66	3
Sur 643, 644, 645.....Surg. Clinics .....	.....	.....	66	66	3
Sur 646, 647, 648.....Clerkship Clinic .....	33	.....	.....	33	1½
Sur 649.....Operative Surgery .....	22	.....	.....	22	1
Sur 661, 662.....Anaesthesia .....	22	.....	.....	22	1
Orp 611.....Orthopaedics .....	22	.....	.....	22	1
Orp 612, 613.....Surgery of Extremities .....	.....	.....	44	44	2
<b>OPHTH., OTOL., RHIN., LARYN.:</b>					
Eye 611.....Ophth. Lectures .....	11	.....	.....	11	½
Ent 611.....O. R. and L. Lectures .....	11	.....	.....	11	½
<b>UROLOGY:</b>					
Ur 611.....Lectures .....	11	.....	.....	11	½
<b>OBSTETRICS:</b>					
Obs 611.....Intro. Lec. and Demon. .....	22	.....	.....	22	1
Obs 612.....Lect. and Demon. .....	22	.....	.....	22	1
Obs 613.....Path. Preg., Labor, and Puerp. .....	22	.....	.....	22	1
Obs 614.....Five day's service in hospital .....	.....	.....	11	11	½
Obs 615.....Manikin .....	22	.....	.....	22	1
<b>GYNECOLOGY:</b>					
Gyn 611.....Lectures .....	22	.....	.....	22	1
Gyn 612.....Lectures .....	22	.....	.....	22	1
Gyn 613.....Clerkships .....	.....	.....	33	33	1½

	Aggregate hours				Term hours
	Lecture	Lab.	Clinic	Total	
<b>PEDIATRICS:</b>					
Ped 611, 612, 613.....An. Ph. Hy. Inf. Ch. Clinic .....	22	.....	11	33	1½
Ped 614, 615, 616.....Dis. of Inf. and Ch. ....	33	.....	.....	33	1½
Ped 617.....Clerkships .....	.....	.....	22	22	1
Ped 618.....Physical Diagnosis .....	.....	.....	11	11	½
	627	44	462	1,133	60%

## Fourth Year

<b>PATHOLOGY:</b>					
Pth 611.....Autopsy Clinic .....	.....	.....	22	22	1
Pth 613.....Gen. Path. Conf. ....	.....	.....	33	33	1½
Pth 615.....Tumor Clinic .....	.....	.....	33	33	1½

<b>PHARMACOLOGY:</b>					
Phe 513.....Toxicology .....	5	.....	.....	5	¼

<b>MEDICINE:</b>					
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
Med 659.....Electrocardiography .....	11	.....	.....	11	½
Med 661.....Medical Economics .....	11	.....	.....	11	½
Med 664.....Tuberculosis Clerkship .....	11	.....	.....	11	1
Neu 614.....Nervous Dis. Clinic .....	.....	.....	11	11	½
Neu 615.....Nerv. and Mental Clinic .....	.....	.....	11	11	½
Ps 615.....Psychiatry Clerkship .....	.....	.....	22	22	1
Ps 619.....Psychoses .....	11	.....	.....	11	½
Der 615.....Dermatology .....	.....	.....	33	33	1½
Der 616.....Derm. Syph. Clinic .....	.....	.....	44	44	2

<b>SURGERY:</b>					
Sur 617, 618.....Outpatient Clinic .....	.....	.....	66	66	3
Sur 620.....Conference .....	.....	.....	22	22	1
Sur 621.....Gen. Surg. Clinic .....	.....	.....	22	22	1
Sur 622.....Gen. Surg. Clinic .....	.....	.....	22	22	1
Sur 623, 624, 625.....Gen. Surg. Clinic .....	.....	.....	66	66	3
Sur 663.....Clerkship in Anaesthesia .....	.....	.....	11	11	½
Orp 616.....Orp. Outpatient Clinic .....	.....	.....	33	33	1½

<b>OPHTH., OTOL., RHIN., LARYN.:</b>					
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

<b>UROLOGY:</b>					
Ur 612, 613.....Clinic .....	.....	.....	22	22	1
Ur 614.....Outpatient Clinic .....	.....	.....	44	44	2

<b>OBSTETRICS:</b>					
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

<b>GYNECOLOGY:</b>					
Gyn 614.....Outpatient Clinic .....	.....	.....	22	22	1
Gyn 615.....Ward Walks and Clinic .....	.....	.....	11	11	½

<b>PEDIATRICS:</b>					
Ped 619.....Clinic .....	.....	.....	33	33	1½
Ped 622, 623, 624.....Dis. Inf. and Child. ....	33	.....	.....	33	1½
	126	.....	979	1,105	51%

## RECAPITULATION

	Aggregate hours				Term hours
	Lecture	Laboratory	Clinic	Total	
First Year .....	341	858	.....	1,199	57
Second Year .....	429	561	44	1,034	58
Third Year .....	627	44	462	1,133	60%
Fourth Year .....	126	.....	979	1,105	51%
	1,523	1,463	1,485	4,471	226%

## PRESCRIBED WORK BY DEPARTMENTS

Preclinical	Aggregate of hours
Anatomy .....	704
Bacteriology and Hygiene .....	220
Biochemistry .....	231
Physiology .....	297
Pharmacology .....	176
Pathology .....	264
Military Science .....	66
Total hours, preclinical .....	1,958
Clinical	Aggregate of hours
Pathology .....	143
Pharmacology .....	5
Medicine:	
General Medicine (including Preventive Medicine) .....	798
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 .....	495
Orthopaedics .....	99
Ophthalmology .....	55
Otolaryngology, Rhinology, Laryngology .....	55
Urology .....	77
Gynecology .....	110
Obstetrics .....	203
Pediatrics .....	165
Total hours, clinical .....	2,513
Total hours prescribed work .....	4,471

## Course-Numbering System

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

- 400-499. Upper-division courses primarily for first-year students in medicine, but to which graduate students may be admitted on approval of the graduate adviser and department head concerned.
- 500-599. Courses primarily for students in basic medical science, but to which graduate students may be admitted on approval of graduate adviser and department head concerned.
- 600-699. Courses that are highly professional in nature and may count toward a professional degree, but cannot apply toward an advanced academic degree (M.A., M.S., or Ph.D.).

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

501. Research.  
503. Thesis.

505. Reading and Conference.  
507. Seminar.

## Basic-Science Departments

### ANATOMY

#### REQUIRED COURSES

##### FIRST YEAR

- An 411, 412, 413. **Gross Anatomy.** 6 hours fall, 8 hours winter, 4 hours spring. Lectures and quizzes, 3 hours; laboratory, 9 hours; 396 hours. Drs. Larsell and Dow, and assistants.
- An 414. **Histology and Organology.** 6 hours fall. Lectures and quizzes, 3 hours; laboratory, 9 hours; 132 hours. Dr. Larsell and assistants.
- An 415. **Embryology.** 4 hours winter. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.
- An 511. **Neurology and Organs of Special Senses.** 4 hours spring. Prerequisites: An 411-415. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.

#### ELECTIVE COURSES

- An 416. **Microscopic Technique.** 2 hours winter. Limited to twelve students. Registration only after consultation with instructor. Laboratory, 6 hours; 66 hours. Dr. Larsell.
- An 501. **Research.** Any term, hours to be arranged. Research is open to qualified students in any branch of anatomy upon approval of the instructors. Drs. Allen and Larsell.
- An 505. **Reading and Conferences.** Any term, hours to be arranged. Drs. Allen and Larsell.
- An 507. **Seminar and Journal Club.** Any term, hours to be arranged. Anatomical staff and advanced students. Dr. Allen.
- An 512. **Advanced Histology.** Winter, hours to be arranged. Prerequisites: An 414, 415. Laboratory, 6 hours or less. Limited to twenty students. Dr. Larsell.
- An 513. **Topographical Anatomy.** 1 or 2 hours spring. Prerequisites: An 411, 412, 413. Limited to fifteen students. Laboratory, 3 or 6 hours; 33 or 66 hours. Dr. Allen and assistant.
- An 514. **Special Dissections.** Term and hours to be arranged. Registration limited by available material. Prerequisites: An 411, 412, 413.

- An 516. **Mechanism of the Central Nervous System Studied from Lesions.** Fall, hours to be arranged. Prerequisite: An 511. Laboratory, 3 to 6 hours. Limited to eight students. Dr. Allen.
- An 517. **Comparative Neurology.** Winter or spring, hours to be arranged. Lectures, conferences, and laboratory. Dr. Larsell.
- An 611. **Applied Anatomy.** 2 hours spring. Prerequisites: An 411, 412, 413. Lectures and demonstrations, 1 hour; 22 hours. Limited to fifteen students. Drs. Seabrook and Gius.

### BACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

#### REQUIRED COURSES

##### FIRST YEAR

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

##### SECOND YEAR

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

##### THIRD YEAR

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

#### ELECTIVE COURSES

- Bac 501. **Research in Bacteriology and Immunity.** Hours to be arranged. Dr. Sears.
- Bac 505. **Reading and Conferences.** Any term, hours to be arranged. Dr. Sears.
- Bac 507. **Seminar in Bacteriology and Immunity.** 1 hour each term, any term. Meetings of the departmental staff and assistants with a number of specially qualified students to discuss the newer developments in the science as they appear in the current periodical literature. Topics are assigned and individual reports read at meetings of the class. Open to a limited number of students. Meetings held once each week for one hour. Dr. Sears.
- Bac 508. **Advanced Bacteriology and Immunology.** Any term, hours to be arranged. A course for medical, special, and graduate students who wish to pursue any phase of the subject beyond Bac 414. Dr. Sears.

**BIOCHEMISTRY**

## REQUIRED COURSE

## FIRST YEAR

BCh 501. **Biochemistry Research.** Any term, hours to be arranged.  
Three lectures and 6 hours laboratory; 3 lectures and 9 hours laboratory;  
231 hours. Drs. West and Todd, and assistants.

## ELECTIVE COURSES

BCh 501. **Biochemistry Research.** Any term, hours to be arranged.  
Drs. West and Todd.

BCh 505. **Reading and Conferences.** Any term, hours to be arranged.  
Dr. West.

BCh 507. **Seminar.** Any term, hours to be arranged.

BCh 512. **Advanced Biochemistry.** Spring, hours to be arranged.  
The work will consist of biochemical preparations, selected methods of analysis,  
assigned readings, and conferences. Prerequisites: BCh 411 and 412. Dr. West.

BCh 513. **Selected Topics in Biochemistry.** 1 hour fall.  
Biochemical material presented in this course provides additional training in  
the field as related to clinical medicine; 1 hour; 11 hours. Drs. Todd and West.  
*Laboratory Diagnosis.* Required for second-year students; see Med 511.

**PATHOLOGY**

## REQUIRED COURSES

## SECOND YEAR

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

Pth 512. **General Pathology.** 6 hours winter.  
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Dr. Hunter and assistants.

## THIRD YEAR

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

Pth 515. **Laboratory Neuropathology.** 1 hour fall.  
Continuation of Ps 611; consists of laboratory work and demonstrations  
dealing with inflammatory reactions and degenerative conditions, with em-  
phasis on general paresis, tabes dorsalis, and brain tumors. Gross patho-  
logical specimens and demonstrations are used in illustrating the diseases  
studied. One two-hour period for 22 hours. Drs. Dixon, Hutchens, Raaf,  
Larson, and assistants.

## FOURTH YEAR

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

Pth 613. **General Pathology Conference.** ½ hour each term.  
One hour a week throughout the year; 33 hours. The staffs of the departments  
of Pathology, Medicine, Surgery, and Obstetrics and Gynecology.

Pth 615. **Tumor Clinic.** ½ hour each term.  
One hour a week throughout the year; 33 hours. The staffs of the depart-  
ments of Pathology, Medicine, Surgery, and Obstetrics and Gynecology.

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

## ELECTIVE COURSES

Pth 501. **Research.** Any term, hours to be arranged.  
Open to specially qualified students. Dr. Menne or Dr. Hunter.

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

Pth 516. **Advanced Systemic Pathology.** Any term, hours to be arranged.  
Study of the detached pathology of one system. Dr. Menne or Dr. Hunter.

Pth 517. **Advanced Pathological Histology.** Any term, hours to be arranged.  
Systematic study of microscope sections of autopsy tissues. Open to students  
who have had at least one term's work in pathology. Dr. Menne.

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

Pth 614. **Attendance at Autopsies.** Any term, hours to be arranged.  
Opportunity is offered to students each term to elect autopsy attendance  
with instruction. Such students are required to assist and to make detailed  
suggestions. Limited to twenty students. Drs. Hunter and Menne, and  
assistants.

**PHARMACOLOGY**

## REQUIRED COURSES

## SECOND YEAR

Phc 511. **Systematic Pharmacology and Prescription Writing.** 6 hours winter.  
Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. David and  
Dickinson.

Phc 512. **Systematic Pharmacology and Pharmacodynamics.** 6 hours spring.  
Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. David and  
Dickinson.

## FOURTH YEAR

Phc 513. **Toxicology.** ¼ hour spring.  
Lectures and quizzes, 1 hour for 5 weeks; 5 hours. Drs. David and Beeman.

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

## ELECTIVE COURSES

- Phc 501. **Research.** Any term, hours to be arranged.  
Students who are properly qualified and who can devote an adequate amount of time to the work are encouraged to pursue original investigation of pharmacological problems. Dr. David.
- Phc 505. **Reading and Conferences.** Any term, hours to be arranged.  
Dr. David.
- Phc 507. **Seminar.** 2 hours spring.  
Open to third- and fourth-year students; 2 hours; 22 hours. Dr. David.
- Phc 514. **Toxicological Analysis.** 2 hours spring.  
(Second year.) Lectures and quizzes, 1 hour; laboratory, 3 hours; 44 hours. Limited to sixteen students. Drs. David and Beeman.

## PHYSIOLOGY

## REQUIRED COURSES

## FIRST YEAR

- Phy 412. **Digestion, Metabolism, Absorption, Secretion, Excretion, Muscle, and Heat.** 5 hours spring.  
Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, and Pynn, and assistants.

## SECOND YEAR

- Phy 411. **Blood, Circulation, and Respiration.** 5 hours fall.  
Prerequisites: BCh 411, 412. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, and Pynn, and assistants.
- Phy 413. **Nervous System and Senses.** 5 hours winter.  
Prerequisites: An 411, 412, 413. Lectures and Recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, and Pynn, and assistants.

## ELECTIVE COURSES

- Phy 414. **History of Physiology.** 1 hour winter.  
One hour a week. Limited to ten students. Dr. Haney.
- Phy 501. **Research.** Any term, hours to be arranged.  
Drs. Haney and Youmans.
- Phy 505. **Reading and Conferences.** Any term, hours to be arranged.  
Drs. Haney and Youmans.
- Phy 507. **Seminar.** Any term, hours to be arranged.
- Phy 511. **Physiology of the Glands of Internal Secretion.** 2 hours spring.  
Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Limited to eight students. Dr. Haney.
- Phy 513. **Physiology of the Autonomic Nervous System.** 1 hour fall.  
Devoted primarily to problems concerning the physiology of the peripheral autonomic nervous system, including the transmission of impulses at autonomic synapses and neuroeffector junctions. Attention given to the production, action, and destruction of the neurohormones. Reports and discussion. Limited to 15 students. 1 hour; 11 hours. Dr. Youmans.

## MILITARY SCIENCE AND TACTICS

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

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

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

## REQUIRED COURSES

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

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

## ELECTIVE COURSES

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

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

## Clinical Departments

## MEDICINE

## INTERNAL MEDICINE

## REQUIRED COURSES

## SECOND YEAR

- Med 511. **Laboratory Diagnosis.** 6 hours spring.  
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Drs. Osgood and West, and assistants.



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

## THIRD YEAR

- Med 615, 616. **Medicine Recitations.** 2 hours each term, fall and winter.  
Two hours; 44 hours. Drs. Holman, Moore, and Meienberg.
- Med 617, 618, 619. **Clinical Clerkship.** 2 hours each term.  
Sections of the third-year class are assigned to the medical service of the Multnomah Hospital throughout the year; 66 hours. Drs. Osgood, Lewis, Forster, and Keane.
- Med 620, 621, 622. **Medical Clinic.** 2 hours each term.  
Multnomah Hospital. Two hours throughout the year, in sections; 66 hours. Drs. Abrams, Brill, Gatewood, Mount, Riddle, and Rosenfeld.
- Med 623. **Gastroenterology.** 1 hour spring.  
Lecture and conference course, 2 hours; 22 hours. Dr. Fitzgibbon.
- Med 653, 654, 655. **Physical Diagnosis.** 1½ hours each term.  
Application of fundamentals taught in the beginning course in Physical Diagnosis, and various characteristics in disease processes. Lectures, 1 hour a week; demonstrations, 1 hour a week through the year; 66 hours. Dr. Lewis.

## FOURTH YEAR

- Med 624, 625, 626. **Dispensary.** 2 hours each term.  
Four hours throughout the fourth year; 132 hours. Drs. Berger, Coffen, David, Davis, Dietrich, Evans, Forster, Haney, Holman, Kennedy, Mathews, Manville, McCutchan, Miller, Nelson, Riddle, Speros, Thayer, Underwood, and Vidgoff.
- Med 627, 628, 629. **Medical Clinic.** ½ hour each term.  
Tuberculosis Hospital. Diseases of the chest. One hour throughout the year; 33 hours. Drs. Matson, Speros, and Conklin.
- Med 630. **Contagious Diseases.** ½ hour fall.  
Lectures, 1 hour during fall term. 11 hours. Dr. Averill.
- Med 631. **Contagious Diseases: Outpatient Service.** ½ hour.  
Students are assigned throughout the year to accompany the city health physician to home and hospital cases of contagious diseases; 6 hours. Dr. Russell.
- Med 632, 633, 634. **General Medical Clinic.** ½ hour each term.  
Multnomah Hospital. One hour a week throughout the year; 33 hours. Dr. Sears.
- Med 635. **Tuberculosis Clinic.** 1 hour, one section each term.  
Outpatient Clinic. Four hours a week for 5½ weeks, throughout the year, in sections; 22 hours. Drs. Goodman and Speros.
- Med 651. **Medical Jurisprudence.** ½ hour spring.  
Eleven hours. Drs. Menne, Hunter, and Beeman, and the district attorney of Multnomah County.

- Med 659. **Electrocardiography.** ½ hour fall.  
Lectures on electrocardiography; 11 hours. Drs. Rush and Haney.
- Med 661. **Medical Economics.** ½ hour fall.  
Lectures on medical economics; 11 hours. Mr. Couch and Dr. Kiehle.
- Med 664. **Tuberculosis Clerkship.** 1 hour, one section each term.  
Tuberculosis Hospital. Two hours a week for 5½ weeks, throughout the year, in sections; 11 hours. Drs. Conklin and Tuhy.

## ELECTIVE COURSES

- Med 601. **Research.** Any term, hours to be arranged.
- Med 636. **Diseases of Metabolism and Ductless Glands.** 1 hour any term.  
Lecture and conference course; 2 hours; 22 hours. Limited to sixteen students. Drs. B. Holcomb and R. Holcomb.
- Med 637. **Diseases of the Kidney.** 1 hour winter.  
Lectures and conferences; 2 hours; 22 hours. Limited to twenty students. Dr. Millett.
- Med 638. **Diseases of the Circulation.** ½ hour fall.  
Lectures and conference course; 11 hours. Dr. Jones.
- Med 639. **Applied Therapeutics.** ½ hour winter.  
(Fourth year.) Lectures and recitations; 11 hours. Dr. Wilson.
- Med 640. **Endocrinology.** ½ hour any term.  
One hour; 11 hours. Dr. Rush.
- Med 643. **Minor-Ailments Clinic.** ½ hour winter.  
(Fourth year.) Eleven hours. Dr. Goldsmith.
- Med 644. **Differential-Diagnosis Clinic.** ½ hour winter.  
(Third year.) Eleven hours. Dr. Goldsmith.
- Med 645. **Cardiac Clinic.** 1 hour any term.  
(Fourth year.) Outpatient Clinic. Two hours a week for one term; 22 hours. Limited to eight students. Drs. Goldsmith and Davis.
- Med 647. **Diseases of Blood and Blood-Forming Organs.** ½ hour spring.  
(Third year.) Lecture; 11 hours. Dr. Riddle.
- Med 649. **Tuberculosis Control Clinic for Children.** ½ hour any term.  
(Fourth year.) Eleven hours. Limited to four students. Dr. Speros.
- Med 650. **Diseases of Circulation—Bedside.** ½ hour winter.  
(Fourth year.) Eleven hours. Limited to eight students. Dr. Jones.
- Med 658. **Allergic Diseases.** ½ hour any term.  
(Fourth year.) Lecture; 11 hours. Dr. Benson.
- Med 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.  
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

Med 663. **Diseases of the Heart.** ½ hour winter.

(Fourth year.) Lectures and demonstrations covering the more important common clinical types of cardiovascular diseases, with emphasis upon treatment. 11 hours. Dr. Brill.

### NEUROLOGY

#### REQUIRED COURSES

##### THIRD YEAR

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

##### FOURTH YEAR

Neu 614. **Clinic at Outpatient Clinic.** ½ hour, one section each term.  
One hour a week for 11 weeks; 11 hours. Dr. Margason.

Neu 615. **Clinic.** ½ hour, one section each term.

Sections of the fourth-year class are assigned to the neurological service of the Multnomah Hospital. Throughout the year, in sections; 11 hours. Dr. Selling.

### PSYCHIATRY

#### REQUIRED COURSES

##### SECOND YEAR

Ps 611. **Lectures: Neuropathology and Psychopathology.** 1 hour winter.

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

##### THIRD YEAR

Ps 613, 614. **General Psychiatric Lectures.** ½ hour each term, winter and spring.  
Lectures. Psychopathology and symptoms of various mental reaction types and behavior disorders of children. One hour a week for two terms for entire class; 22 hours. Dr. Dixon.

*Laboratory Neuropathology.* (See Pth 515.)

##### FOURTH YEAR

Ps 615. **Clinic and Clerkship.** 1 hour, one section each term.

Case demonstration and treatment in clinic. Two hours; 22 hours. Drs. Dixon and Hutchens.

Ps 619. **Psychoses.** ½ hour fall.

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

#### ELECTIVE COURSE

Ps 618. **Demonstration Course in Prepsychotic Cases.** 1 hour, any term.

(Fourth year.) One hour a week for one term; 11 hours. Limited to eight students. Drs. Dixon and Hutchens.

### NUTRITION

#### ELECTIVE COURSE

##### THIRD YEAR

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

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

### DERMATOLOGY AND SYPHILOLOGY

#### REQUIRED COURSES

##### THIRD YEAR

Der 611, 612, 613. **Dermatological Clinic.** ½ hour each term.

One hour each week devoted to presentation of clinical cases, with detailed discussion of etiology, symptomatology, and differential diagnosis. One and one-half hours; 33 hours. Dr. Kingery.

Der 617, 618. **Histopathology.** ½ hour fall, ¼ hour winter.

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

##### FOURTH YEAR

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

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

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

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

### DENTAL MEDICINE

#### REQUIRED COURSE

##### THIRD YEAR

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

Six lectures. Dr. Chance.

### RADIOLOGY

#### REQUIRED COURSE

##### THIRD YEAR

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

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

## ELECTIVE COURSE

- Rad 614. **Radiographic Technic.** ½ hour any term.  
(Third year.) Lectures of a practical nature; the principles of radiography, and actual demonstration of technic; 11 hours. Limited to twenty students. Mr. Johnson.

## SURGERY

## GENERAL SURGERY

## REQUIRED COURSES

## SECOND YEAR

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

## THIRD YEAR

- Sur 612, 613. **Recitation.** 1 hour each term, fall and winter.  
Recitations, 2 hours; 44 hours. Drs. Howard, McKirdie, and Rosenblatt.
- Sur 615. **Physiotherapy.** ½ hour winter.  
Lectures and demonstrations; 11 hours. Dr. Jones.
- Sur 640, 641, 642. **Clinical Clerkship.** 1 hour each term.  
Multnomah Hospital. Throughout the year; 66 hours. Drs. Seabrook and Moore.
- Sur 643, 644, 645. **Surgical Clinic.** 1 hour each term.  
Multnomah Hospital; 2 hours throughout the year, in sections, in connection with clerkships; 66 hours. Drs. Blair, Hand, Kelsey, Martzloff, Raaf, and Rippey.
- Sur 646, 647, 648. **Clerkship Clinic.** ½ hour each term.  
Conference course, covering surgical clerkship and assignments. Throughout the year, 33 hours. Drs. Seabrook and Moore.
- Sur 649. **Operative Surgery.** 1 hour, one section each term.  
Operative work upon animals; 2 hours a week throughout the year in sections; 22 hours. Dr. Diack.

*Surgical Pathology.* (See Pth 513.)

## FOURTH YEAR

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

- Sur 623, 624, 625. **General Surgical Clinic.** 1 hour each term.  
Multnomah Hospital. Two hours a week throughout the year; 66 hours. Dr. Joyce.

## ELECTIVE COURSES

- Sur 601. **Research.** Any term, hours to be arranged.
- Sur 627. **Proctology Lectures.** ½ hour spring.  
(Third year.) Prerequisite to Sur 628; 11 hours. Drs. Brooke and Black.
- Sur 628. **Proctology.** ½ hour any term.  
(Fourth year.) A clinic of diseases of rectum and colon. Prerequisite: Sur 627. Eleven hours. Limited to four students. Drs. Bollam, Laird, Smalley, and South.
- Sur 630. **Surgical Lesions of the Gastro-Intestinal Tract.** ½ hour spring.  
(Third year.) Lecture and demonstration course on diagnosis, pathology, and treatment; 11 hours.
- Sur 631. **Surgery of the Visceral Nervous System.** ½ hour winter.  
(Fourth year.) Lectures and demonstrations; 11 hours. Dr. Livingston.
- Sur 633. **Pain: Its Relation to Diagnosis.** ½ hour winter.  
(Fourth year.) Eleven hours. Dr. Livingston.
- Sur 634. **Minor Surgery.** ½ hour fall.  
(Third year.) Lectures and demonstrations; 11 hours. Dr. Blosser.
- Sur 635. **Differential and Regional Neurosurgical Diagnosis and Therapeutics.** ½ hour winter.  
(Fourth year.) Lectures and demonstrations; 11 hours. Limited to twelve students. Dr. Raaf.
- Sur 636. **Acute Abdominal Lesions.** ½ hour spring.  
(Fourth year.) Lectures; 11 hours. Dr. Gambee.
- Sur 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.  
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

## ORTHOPAEDIC SURGERY

## REQUIRED COURSES

## THIRD YEAR

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

## FOURTH YEAR

- Orp 616. **Orthopaedic Outpatient Clinic.** 1½ hours each term.  
One hour three times a week for 11 weeks; throughout the year, in sections; 33 hours. Drs. Blair, Carlson, Lucas, McKelvey, Noall, and Chuinard.

## ELECTIVE COURSE

Orp 615. **Orthopaedic Ward Walk.** 1 hour any term.

(Fourth year.) Shriners' Hospital for Crippled Children. General ward rounds upon patients in the hospital, with discussion of the cases and methods of orthopaedic treatment in deformities of children; 2 hours; 22 hours. Limited to twenty students. Dr. Dillehunt.

## OPHTHALMOLOGY

## REQUIRED COURSES

## THIRD YEAR

Eye 611. **Eye.** ½ hour spring.

Lectures, recitations, and daily quizzes, 1 hour; 11 hours. Dr. Dykman.

## FOURTH YEAR

Eye 612. **Eye Outpatient Clinic.** 1½ hours, one section each term.

Six hours a week for 5½ weeks throughout the year, in sections; 33 hours. Drs. Beattie, Bozorth, Browning, Dunnavan, Dykman, Gaston, Hendershott, Kiehle, Steiner, Taylor, and Underwood.

Eye 613. **Eye.** ½ hour spring.

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

## ELECTIVE COURSES

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

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

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

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

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

(Fourth year.) Multnomah Hospital; 11 hours. Limited to eight students. Dr. Johnston.

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

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

## OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

## REQUIRED COURSES

## THIRD YEAR

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

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

## FOURTH YEAR

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

Practical instruction in examination and treatment of cases; 6 hours, 5½

weeks; 33 hours. Drs. Adix, Bailey, Beattie, Boyden, Bozorth, Bouvy, Caruth, Davis, Fenton, Flynn, Jones, Jordan, Kistner, Kuhn, Lucas, Neely, Simons, and Steiner.

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

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

## ELECTIVE COURSES

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

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

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

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

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

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

## UROLOGY

## REQUIRED COURSES

## THIRD YEAR

Ur 611. **Diseases Affecting the Genito-Urinary Tract.** ½ hour spring.

Lectures, 1 hour; 11 hours. Dr. Johnson.

## FOURTH YEAR

Ur 612, 613. **Urological Clinic.** ½ hour each term, fall and winter.

Lectures and clinics; 1 hour; 22 hours. Drs. Strohm and Johnson.

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

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

## ANAESTHESIOLOGY

## REQUIRED COURSES

## THIRD YEAR

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

Lectures on anaesthetics, with demonstration and description of equipment employed; discussion of history, physiology, signs, and methods of anaesthesia; the various agents employed. Lecture, 1 hour; 22 hours. Dr. Hutton.

## FOURTH YEAR

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

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

## ELECTIVE COURSE

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

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

## OBSTETRICS AND GYNECOLOGY

## OBSTETRICS

## REQUIRED COURSES

## THIRD YEAR

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

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

Obs 612. **Lecture and Demonstration Course in Obstetrics.** 1 hour winter.

Mechanism of normal and abnormal presentation; manikin demonstration; care of the newborn child. Obstetrical technic; forceps, version, pubiotomy, cesarean section, and embryotomy; 1 hour, twice a week, in sections; 22 hours. Dr. Schauffler.

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

Lecture and demonstration; 1 hour, twice a week, in sections; 22 hours. Dr. Blatchford.

Obs 614. **Attendance at Deliveries.** ½ hour any term.

Multnomah Hospital. Each student is required to be in attendance and observe deliveries for a period of five days in Multnomah Hospital; prerequisite: Obs 611; 11 hours. Drs. Scales and D. R. Neilson.

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

Lectures and demonstrations; 2 hours a week for one term throughout the year, in sections; 22 hours. Dr. Frazier.

*Obstetrical Pathology.* (See Pth 514.)

## FOURTH YEAR

Obs 616. **Clinical Obstetrics.** 1 hour, one section each term.

Outpatient Clinic. Examination of pregnant women, pelvimetry, and instructions in prenatal and postpartum care. Two hours twice a week, 5½ weeks; throughout the year, in sections; 22 hours. Drs. Adams, Blatchford, Dowsett, Fearl, D. R. Neilson, Nelson, Scales, Chauffer, Stearns, and Wilson.

Obs 617. **Outpatient Service.** 1½ hours any term.

Delivery of patients in the home and at Emanuel Hospital, and attendance upon mother and child after delivery. Each student is required to be in attendance at all deliveries in hospital and home during an assigned period of ten days; prerequisite; Obs 614; 33 hours. Arranged and checked by Drs. Watkins, D. R. Neilson, and R. P. Neilson.

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

Outpatient Clinic; 1 hour a week for 5 weeks; 5 hours. Drs. Frazier, Mc Arthur, Stearns, Blatchford, D. R. Neilson, Wilson, and Fearl.

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

Multnomah Hospital; 1 hour each week throughout the year; 33 hours. Drs. Adams, Nelson, and Schauffler.

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

Multnomah Hospital; 2 hours a week for 5½ weeks; 11 hours. Drs. Blatchford, Fearl, and Stearns.

## ELECTIVE COURSES

Obs 601. **Research.** Any term, hours to be arranged.

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

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

## GYNECOLOGY

## REQUIRED COURSES

## THIRD YEAR

Gyn 611. **Gynecology.** 1 hour winter.

Lectures, demonstrations, and recitations, 2 hours; 22 hours. Drs. Watkins and Stearns.

Gyn 612. **Gynecology.** 1 hour spring.

Lectures and recitations, 2 hours; 22 hours. Drs. Watkins and Stearns.

Gyn 613. **Clinical Clerkships.** 1½ hours, one section each term.

Multnomah Hospital; sections; 33 hours. Drs. D. R. Neilson, R. P. Neilson, and Blatchford.

*Gynecological Pathology* (See Pth 514.)

## FOURTH YEAR

Gyn 614. **Practical Gynecology.** 1 hour, one section each term.

Outpatient Clinic throughout the year, in sections, 4 hours a week, 5½ weeks; 22 hours. Drs. Blatchford, Fearl, Frazier, Nelson, Scales, Seitz, Stearns, Watkins, and Wilson.

Gyn 615. **Operative Clinic.** ½ hour, one section each term.

Multnomah County Hospital. One two-hour ward walk each week for 5½ weeks, throughout the year in sections; 11 hours. Drs. Adams, Stearns, and Watkins.

## ELECTIVE COURSES

Gyn 601. **Research.** Any term, hours to be arranged.

Gyn 618. **Postoperative and Gynecological Endocrinology.** 1 hour any term.

(Fourth year.) Outpatient Clinic. Attendance at Outpatient Clinic one 2-hour period each week; 22 hours. Limited to eight students. Drs. Blatchford, Fearl, Scales, Schauffler, Watkins, Stearns, and Wilson.

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

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

## PEDIATRICS

## REQUIRED COURSES

## THIRD YEAR

Ped 611, 612, 613. **Anatomy, Physiology, Hygiene of Infancy and Childhood.** 1½ hours (total).

Lectures, clinics, and bedside instruction on diseases of the newly born and diseases of nutrition. Practical work in infant feeding, Kerr Nursery. Lectures, 22 hours; clinic, 11 hours; 33 hours. Dr. Smith.

Ped 614, 615, 616. **Diseases of Infancy and Childhood.** ½ hour each term.

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

Ped 617. **Clerkships.** 1 hour, one section each term.

Doernbecher Hospital. Throughout the year; in sections; 22 hours. Dr. Woolley.

Ped 618. **Physical Diagnosis in Children.** ½ hour, one section each term.

Lectures, clinics, and demonstrations at the Waverly Baby Home and Doernbecher Hospital. One hour a week, throughout the year, in sections; 11 hours. Dr. Bridgeman.

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

## FOURTH YEAR

Ped 619. **Outpatient Clinic.** 1½ hours, one section each term.

Five and one-half weeks; 6 hours a week, throughout the year in sections; 33 hours. Drs. Babson, Bridgeman, Goodnight, Mercier, Rosenfeld, and Woolley.

Ped 622, 623, 624. **Diseases of Infancy and Childhood.** ½ hour each term.

A comprehensive study of diseases of children. Recitations, lectures, and clinical demonstrations. One amphitheater clinic each week throughout the entire school year on cases selected from the wards of the Doernbecher Hospital; 33 hours. Dr. Bilderback.

## ELECTIVE COURSES

Ped 601. **Research.** Any term, hours to be arranged.

Ped 620. **Infant Feedings Clinic.** 1 hour any term.

Outpatient Clinic; 22 hours. Limited to four students. Dr. Woolley.

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

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

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

## Department of Nursing Education

## Faculty

ELNORA E. THOMSON, R.N., F.A.P.H.A., Professor; Director of Department of Nursing Education.

RUTH WHEELLOCK, M.A., R.N., Associate Professor; Assistant Director of Department of Nursing Education.

GRACE PHELPS, R.N., Associate Professor; Director of Nursing Service.

JOHANNA EGGERS, M.A., R.N., Associate Professor of Nursing Education.

HENRIETTA DOLTZ, M.S., R.N., Associate Professor of Nursing Education.

ELIZABETH MCKINLEY, M.A., Associate Professor of Nursing Education.

MAISIE WETZEL, M.S., R.N., Associate Professor of Nursing Education.

ETHEL KATHERINE SEARS, B.S., R.N., Assistant Professor of Nursing Education.

LUCILE HIGBY, B.A., R.N., Assistant Professor of Nursing Education.

LUCILE PEROZZI, M.A., R.N., Assistant Professor of Nursing Education.

BEATRICE V. FRED, M.A., R.N., Assistant Professor of Nursing Education.

CANFIELD BEATTIE, M.D., Clinical Instructor in Otolaryngology.

MARTHA BYHOLT, B.A., R.N., Instructor in Nursing Education.

EVELYN JORDAN CAMILLO, R.N., Instructor in Nursing Education.

MONA CAMPBELL, B.S., R.N., Instructor in Nursing Education.

EDNA B. CARL, B.S., Instructor in Nursing Education.

ELISABETH CHILDS, B.A., R.N., Instructor in Nursing Education.

ELIZABETH DEMENT, B.S., R.N., Instructor in Nursing Education.

\*MARGARET DEMKE, R.N., Instructor in Nursing Education.

E. C. DRESCHER, M.D., P.A., Surgeon, U.S.P.H.S.

CLAUDINE EASTERDAY, B.S., R.N., Instructor in Nursing Education.

CLIFFORD FEARL, M.D., Clinical Instructor in Obstetrics and Gynecology.

AMY GAMACHE, R.N., Instructor in Nursing Education.

CLYDE GETZ, M.A., Field Consultant for Child Welfare Services, State Public Welfare Commission.

RUBY GOFF, B.S., R.N., Instructor in Nursing Education.

MARGARET SARGENT, R.N., Instructor in Nursing Education.

ROBERTA GRISWOLD, R.N., Instructor in Nursing Education.

LETHA HUMPHREYS, R.N., Instructor in Orthopaedic Nursing; Superintendent, Shriners' Hospital.

WENDELL H. HUTCHENS, M.D., Clinical Associate in Psychiatry.

VERA IMHOFF, R.N., Instructor in Nursing Education.

GERALDINE KAUFMAN, B.S., R.N., Instructor in Nursing Education.

ANNE ESTHER KOBIELSKI, B.S., R.N., Instructor in Nursing Education.

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

ETHEL MEALEY, M.A., Director of Health Education, Bureau of Child Hygiene, Oregon State Board of Health.

CLARA NYE MCPHERSON, R.N., Instructor in Nursing Education.

GUELI OLSON, B.S., R.N., Instructor in Nursing Education.

MALVESON PARKER, B.S., R.N., Instructor in Nursing Education.

\* Extended active duty with the Army or Navy.

AGNES PARRISH, R.N., Instructor in Nursing Education.  
 FRANK PERLMAN, M.D., Clinical Instructor in Internal Medicine.  
 CLIFFORD W. KUHN, M.D., Clinical Instructor in Otolaryngology.  
 WINIFRED H. PERRY, R.N., Instructor in Nursing Education.  
 KENNETH SCALES, M.D., Resident in Obstetrics and Gynecology.  
 ALICE SHARF, R.N., Instructor in Nursing Education.  
 DEAN SEABROOK, M.D., Assistant Clinical Professor of Surgery.  
 HARRY J. SEARS, Ph.D., Professor of Bacteriology, Hygiene, and Public Health.  
 EVELYN SHATTUCK, B.S., R.N., Instructor in Nursing Education.  
 THOMAS L. MEADOR, M.D., Assistant Health Officer, Bureau of Health, City of Portland.

LONDON HOWARD SMITH, M.D., Assistant Clinical Professor of Pediatrics.  
 MARY E. STARKWEATHER, B.A., R.N., Instructor in Nursing Education.  
 H. C. STEARNS, M.D., Assistant Clinical Professor of Obstetrics and Gynecology.  
 J. GUY STROHM, M.D., Clinical Professor of Urology.  
 MABELLE SULSER, B.S., R.N., Instructor in Nursing Education.  
 CARLA M. WALTERS, R.N., Instructor in Nursing Education.  
 ADOLPH WEINZIRL, M.D., F.A.P.H.A., Clinical Professor of Bacteriology, Hygiene, and Public Health.  
 EDWARD STAUNTON WEST, Ph.D., Professor of Biochemistry.  
 PAUL V. WOOLEY, JR., M.D., Assistant Professor of Pediatrics.  
 RICHARD HUMPHREYS, M.D., Resident in Surgery.  
 FRANCIS J. WOOLIEVER, M.D., Assistant Resident in Surgery.  
 EDWARD ABRAMS, M.D., Resident in Medicine.

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

#### *Supervisors of Affiliated Field Work in Public Health Nursing*

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

#### *Executive Faculty of Department of Nursing Education*

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

#### STANDING COMMITTEES

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

*Curriculum and Schedule*—HARRY J. SEARS (chairman), EDWIN E. OSGOOD, RAYMOND E. WATKINS, OLOF LARSELL, EDWARD S. WEST, ELNORA THOMSON, RUTH WHEELLOCK, MAISIE V. WETZEL, EMMA JONES, KATHERINE SEARS, HENRIETTA DOLTZ, LUCY D. PHILLIPS, RALF COUCH (ex officio).

## General Information

**N**URSING 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 clinical education in the University of Oregon Medical School hospitals and clinics, prepare the student for state registration.

#### ADMISSION

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

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

#### STUDENT LIVING

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

#### STUDENT HEALTH

Nursing students must have sound physical and mental health. Before being admitted to clinical work, students are required to take a health examination, in-

cluding 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 inoculated against smallpox, typhoid fever, and diphtheria.

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

#### LOAN FUNDS

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

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

#### GRADING SYSTEM

The grading system consists of four passing grades, A, B, C, D; failure, F; incomplete, INC; withdrawn, W. A denotes exceptional accomplishment; B superior; C, average; D, inferior. Students ordinarily receive one of the four passing grades or F. When the quality of the work is satisfactory, but the course has not been completed for reasons acceptable to the instructor, a report of INC may be made and additional time granted.

#### FEES AND DEPOSITS

For students at University or State College:

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

For nursing students at Medical School:

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

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

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

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

## Degree Curriculum Nursing Education

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

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

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

#### FIVE-YEAR DEGREE CURRICULUM

##### Bachelor of Science and Certificate in Nursing Specialty

##### First Year—University or State College

	Term hours			
	Summer	Fall	Winter	Spring
Chemistry .....	-	4	4	4
Zoology .....	-	3	3	3
English Composition (Eng 111, 112, 113) .....	-	3	3	3
English Literature .....	-	3	3	3
Backgrounds of Nursing (Nur 111, 112, 113) .....	-	2	2	2
Hygiene .....	-	1(2)	1(0)	1(0)
Physical Education .....	-	1(0)	1	1
	-	17	17(16)	17(16)

##### Second Year—University or State College

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

##### Third Year—Medical School

Anatomy and Physiology (BiS 311) .....	3	3	-	-
Physiology of Disease (Nur 229) .....	-	-	-	3
Elementary Materia Medica (Ch 228) .....	3	-	-	-
Bacteriology (Bac 328, 329) .....	-	-	6	-
Elementary Nursing Arts (Nur 131, 132, 133) .....	3	3	3	-
Advanced Nursing Arts (Nur 344) .....	-	-	-	3
Organic Chemistry (Ch 355, 356) .....	6	-	-	-
Biochemistry (Ch 357) .....	-	4	-	-
Nursing in Medical and Surgical Disease (Nur 222, 223, 224) .....	-	2	2	3
Nursing Clinics in Medical and Surgical Disease (Nur 225, 226, 227) .....	-	3	3	3
Materia Medica and Pharmacology (Nur 235, 236, 237) .....	-	1	2	2
Psychiatric Nursing (Nur 413) .....	-	-	-	3
Public Health and Com. Diseases (Nur 335, 336, 337) .....	-	2	2	1
Nursing Care Studies (Nur 313) .....	-	2	-	-
	15	20	18	18



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

## Graduate Curricula in Nursing Education

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

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

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

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

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

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

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

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

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

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

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

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

Through the cooperation of the Multnomah Hospital and the Outpatient Clinic, the student in this curriculum will have experience in ward management, delivery room, home nursing deliveries, prenatal service in clinic and field, mothers' classes, and 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 Curriculum Guide for Schools of Nursing. Only those making a satisfactory grade will be admitted.

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

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

#### CURRICULUM IN PUBLIC HEALTH NURSING

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

#### CURRICULUM IN ORTHOPAEDIC NURSING

Principles and Organ. in Public Health Nursing (Nur 461, 462, 463) .....	9
Methods in Social Case Work (Nur 416, 417) .....	3
Field Work, Interviewing, and Work with Agencies (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
Field Work, Interviewing, and Work with Agencies (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

	Term Hours
Principles and Organ. in Public Health Nursing (Nur 461, 462, 463) .....	9
Methods in Social Case Work (Nur 416, 417) .....	3
Field Work, Interviewing, and Work with Agencies (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

\* Or other electives.

#### CURRICULUM IN NURSING SUPERVISION

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

## Course-Numbering System

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

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

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

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

## Description of Courses

#### LOWER-DIVISION COURSES

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

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

Nur 113. **Personal Hygiene.** 3 hours any term.

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

Nur 131, 132, 133. **Elementary Nursing Arts.** 3 or 4 hours each term.

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

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

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

†Nur 216. **History of Nursing.** 3 hours.

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

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

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

Nur 222, 223, 224. **Nursing in Medical and Surgical Diseases.** 2 hours fall and winter, 3 hours spring.

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

Nur 225, 226, 227. **Nursing Clinics in Medical and Surgical Diseases.** 3 hours each term.

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

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

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

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

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

\*Nur 235, 236, 237. **Materia Medica and Pharmacology.** 1 hour fall, 2 hours winter and spring.

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

## UPPER-DIVISION COURSES

Nur 311. **Principles of Publicity.** 3 hours.

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

\* 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.

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

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

†Nur 313. **Nursing Care Studies.** 2-4 hours.

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

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

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

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

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

Nur 332. **Clinics in Psychiatry.** 3 hours.

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

\*Nur 335, 336, 337. **Public Health and Communicable Diseases.** 2 hours fall and winter, 1 hour spring.

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

Nur 343, 344. **Advanced Nursing Arts.** 3 hours each term.

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

Nur 345. **Advanced Nursing Arts in Obstetrics.** 3 hours any term.

To give the student a scientific approach to the nursing care of obstetrical patients in hospital, clinic, and home. Lectures, 1 hour; clinic, 6 hours; 77 hours. Miss Doltz and Miss Eggers.

Nur 346. **Advanced Nursing Arts in Pediatrics.** 3 hours any term.

To give the student a scientific approach to the nursing care of pediatric patients in hospital, clinic, and home. Lectures, 1 hour; clinic, 6 hours; 77 hours. Miss Higby.

†Nur 347, 348. **Modern Social and Health Movements.** 2 hours each term.

A review of the history and philosophy of current social and health movements; a survey of typical community agencies and institutions and their significance for the nurse. Lectures, 2 hours; 22 hours each term. Miss Wetzel.

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

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

Nur 351, 352, 353. **Clinics in Specialties.** 3 hours each term.

To provide teaching and experience in the outpatient department in the dermatological, diabetic, and other special services. Lectures, 1 hour; clinic, 6 hours; 77 hours each term. Miss Starkweather, Miss Wetzel, and staff.

\*Ch 355, 356. **Organic Chemistry.** 3 hours each term.

The elementary organic chemistry of the aliphatic and cyclic compounds, with emphasis upon substances of special interest in medicine. Lectures, 2 hours; laboratory, 3 hours; 55 hours each term. Dr. West.

\*Ch 357. **Biochemistry.** 4 hours.

The first part of the course deals with the chemistry of the carbohydrates, lipids, proteins, and other substances of importance as foods, or tissue constituents. This is followed by a study of enzymes and digestion, nutrition, blood, metabolism, and the excretions. Lectures, 3 hours; laboratory, 6 hours; 99 hours. Dr. West.

Ch 364. **Organic Chemistry for Nurses.** 4 hours.

A special course in the application of organic chemistry to nursing, designed for students entering with a deficiency in organic chemistry. Dr. West.

Nur 369. **Diet in Disease.** 3 hours any term.

Theoretical and laboratory work in diet in disease.

Nur 390. **Special Therapy.** 2 hours.

A study of the underlying principles, effects, and nursing care necessary for special therapeutic procedures, such as X-ray, radium, fever, helio- and hydrotherapy.

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

Nur 407. **Seminar in Nursing.** 2 hours each term.

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

Nur 412. **Obstetrical Nursing.** 4 hours any term.

A study of the value of the individual family to the race. The importance of adequate medical and nursing care for maternity patients from the beginning of pregnancy through the puerperium. Physiology and hygiene of normal pregnancy, complications, treatment, care of patients in hospital or home. Lectures, 4 hours; 44 hours.

†Nur 413. **Psychiatric Nursing.** 3 hours.

A study of the changes which occur in the mental condition of physically ill patients. Observation of behavior on same basis as observation of physical factors; the consideration of abnormal behavior as a symptom of disease; the relation of childhood to adult life. Causes, prevention, and treatment in mental diseases. Lectures, 3 hours, 33 hours. Drs. Dixon and Hutchens, and Miss Thomson.

Nur 414. **Survey of Field and Related Professional Problems.** 3 hours.

An introduction to the various branches of nursing problems; responsibilities, professional organization, relation to other professions. Opportunities for further education. Lectures, 3 hours; 33 hours. Miss Thomson or Miss Wheelock.

\* 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 415. **Pediatric Nursing.** 3-4 hours any term.

A study of the mental and physical development of the normal child from birth to puberty. Feeding: maternal, supplementary, complementary. Symptoms of disease in children, prevention and treatment. Lectures, 4 hours; 44 hours. Dr. Smith.

†Nur 416. **Methods in Social Case Work.** 3 hours any term.

A study of the generic principles and methods of case work common to all professions dealing with individuals, and of their particular application in the field of public health nursing. Use of case material in studying methods of interviewing; patient personality and reactions to health problems; social problems and their effect on a health program. Includes an introduction to the common community resources and their function. Lectures, 3 hours; 33 hours.

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

A study of the theories and methods of organization; how used by national, state, and local organization; constructive and destructive factors existing in community life; the background of community movements. Students make outline studies of organizations functioning in local communities, and discuss such topics as the fundamental institutions of any community, the interrelationships of organizations, and the ideals that should motivate all efforts toward the development of our social machinery and its connection with local needs and opportunities. Lectures, 2-4 hours; 22-44 hours each term. Miss Mealey.

Nur 420, 421, 422. **Administration in Nursing School.** 2 hours each term.

Problems of training-school organization in connection with hospitals of various types, and nursing schools under other forms of government. The essentials in nature and variety of hospital service, in administrative and teaching staff, and in the equipment for the maintenance of educational work. General problems of training-school management; the qualifications, personality, and training of superintendent or principal; general duties and responsibilities on the administrative side; the arrangement, control, and supervision of practical work in wards or other hospital departments; and the appointment and direction of assistants and ward staff. Lectures, 2 hours; 44 hours each term. Miss Phelps.

Nur 423, 424, 425. **Field Work in Nursing-School Administration.** 5 hours each term.

For graduate or senior students in nursing. The student is given an opportunity to plan student practice, and to study problems in the social and school adjustment of student nurses. Field work, 165 hours each term.

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

The principles which underlie service to individuals and families as they are applied through nursing. Lectures, 2 hours; 44 hours each term. Miss Thomson.

Nur 429, 430, 431. **Advanced Field Work in Nursing.** 5 hours each term.

Designed for senior or graduate nursing students. The student is given an opportunity to work with an agency specializing in the particular form of nursing or medical social service in which her interest lies. Field work, 165 hours each term. Miss Thomson and Miss Wheelock.

Nur 432. **Current Problems in Nursing.** 3 hours any term.

Opportunity for a review of the present status of nursing and its relation to present community problems and services. Lectures, 3 hours; 33 hours each term. Miss Thomson or Miss Wetzel.

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

- Nur 433, 434, 435. **Teaching Nursing Arts.** 2 hours each term.  
The philosophy of education and methods of teaching applicable to professional teaching of nursing. Lectures, 2 hours; 22 hours each term.
- Nur 436, 437, 438. **Field Work in Teaching Nursing Arts.** 3 hours each term.  
The student is given opportunities to plan and teach courses in the nursing arts under expert supervision, and to study problems of the classroom and the floor, for both the introductory and advanced courses in the nursing arts. Lectures, 1 hour; clinics, 4 hours; 55 hours each term.
- Nur 439. **Clinics in Obstetrics.** 3 hours any term.  
To provide bedside teaching of the student nurse in obstetrics, and to give her a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Three sections. Lectures, 1 hour; clinic, 6 hours. Miss Sears, Miss Eggers, and staff, Multnomah Hospital School of Nursing.
- Nur 440. **Clinics in Pediatrics.** 3 hours any term.  
To provide bedside teaching of the student nurse in pediatrics, and to give her a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Lectures, 1 hour; clinic, 6 hours. Miss Phelps and staff.
- Nur 444. **Assessment of Physical Fitness.** 3 hours any term.  
To provide an adequate review of the fundamentals of nutrition; to furnish means whereby a fairly accurate idea may be obtained of the nutritional status of the individual, thus facilitating the work of the supervising physician; and to provide information necessary in combating nutritional conditions of an undesirable nature, conditions growing, for the most part, from the ignorance of the public, and from the viciousness and malpractice on the part of the uncurbed few. Lectures, 3 hours; 33 hours each term. Dr. Manville.
- †Nur 445. **Mental Hygiene.** 3 hours any term.  
Modern methods for the prevention of mental diseases, and the care of those suffering from such diseases. Lectures, 3 hours; 33 hours each term. Dr. Hutchens.
- Nur 447, 448, 449. **Field Work in Nursing Supervision.** 5-7 hours each term.  
Opportunity to practice teaching and supervision, and to carry on special problems in the hospital under guidance. Field work, 165 hours each term. Miss Sears, Miss Higby, and Miss Humphreys.
- Nur 450, 451, 452. **Methods in Supervision.** 3 hours each term.  
Methods and technic in teaching, supervision of nurses, and proper care of special equipment. Practical experience in the graduate nursing specialty elected by the student. Lecture, 1 hour; clinic, 2 hours; 22 hours each term. Miss Thomson or Miss Wheelock.
- \*Nur 453. **Biochemistry of Metabolism and Respiration.** 2 hours.  
A special course in the application of biochemistry to anaesthesia. 22 hours. Dr. West.
- Nur 456, 457. **Advanced Obstetrics for Nurses.** 2 hours each term.  
Designed for the advanced obstetrical unit for nurses who are specializing in obstetrical nursing. Dr. Stearns.

\* 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 461. **Principles and Organization of Public Health Nursing.** 3 hours.  
A brief survey of the development of public health nursing; discussion of basic principles, administration, and organization of public health nursing; program of health service. Lectures 3 hours; 33 hours each term. Miss Thomson and Miss Wetzel.
- Nur 462. **Principles and Organization of Public Health Nursing.** 3 hours.  
Services of the public health nurse with different age groups, with special reference to the part of the public health nurse in relation to the observation and reporting of symptoms of emotional maladjustment. Lectures and discussions, 3 hours; 33 hours each term. Miss Thomson and Miss Wetzel.
- Nur 463. **Principles and Organization of Public Health Nursing.** 3 hours.  
Public health nursing problems, and the community machinery and agencies which exist to meet them. Conference and panel methods of presentation. 3 hours; 33 hours. Miss Thomson and Miss Wetzel.
- †Nur 464. **Field Work, Interviewing, and Work with Agencies.** 5 hours any term.  
Application, during public health nursing field experience, of interviewing techniques and cooperative service with other community agencies in solving health problems. Field work, 165 hours.
- †Nur 465, 466. **Methods in Teaching Health.** 2-3 hours each term.  
Methods which are being developed in the field of health education with special relation to the public health nurse. Lectures, 4 hours; 44 hours. Miss Mealey.
- Nur 467. **Field Work in Public Health Nursing.** 5 hours.  
Experience in prenatal and postnatal nursing with the Outpatient Clinic; infant welfare, tuberculosis, bedside, and industrial nursing with the Portland Visiting Nurse Association; school nursing with the school nursing division of the City Health Bureau. Clinic, 165 hours. Miss Wetzel, Miss Crowe, and Miss Fisher.
- Nur 468. **Field Work in Public Health Nursing.** 5 hours.  
Rural public health nursing under the direction of the Bureau of Nursing, State Board of Health. Clinic, 165 hours. Miss Perozzi and Miss Wetzel.
- Nur 469. **Field Work in Public Health Nursing.** 5 hours.  
This course is arranged for students who have completed three terms of the required curriculum leading to the Certificate in Public Health Nursing, and consists of a full-time block of work with rural and urban public health nursing agencies. Clinic, 165 hours. Miss Wetzel and staff of agency.
- †Nur 470. **Systems in Public Health Nursing.** 3-6 hours any term.  
The development of public health practices and organization with special emphasis upon present trends in public health nursing. Clinic, 198 hours. Miss Perozzi and staff.
- †Nur 471. **Vital Statistics.** 2 hours.  
Lectures and recitations on the collection, the arrangement, and the uses of statistical data having a bearing upon practical public health work. Lectures, 2 hours; 22 hours. Miss Wheelock.
- Nur 472, 473. **Clinical Orthopaedic Nursing.** 7-9 hours each term.  
Opportunity for experience with children and adults in the Outpatient Clinic of the Medical School and in the Shriners' Hospital for Crippled Children. Lectures, 3 hours; clinic, 18 hours; 231 hours each term. Miss Humphreys.

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

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

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

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

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

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

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

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

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

Nur 482. **Physical and Emotional Growth.** 3 hours any term.

The physical and emotional development of the child. Lectures, 3 hours; 33 hours. Dr. Woolley.

Nur 483. **Control of Genito-Infectious Diseases.** 3 hours any term.

The newer methods of control of these diseases, with particular reference to the functions of the public health nurse in these programs. Lectures, 3 hours; 33 hours. Dr. Drescher.

Nur 486. **Surgical Specialties.** 2 hours.

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

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

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

†Nur 489. **Problems in Child Welfare.** 2 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, 2 hours; 22 hours. Mr. Class.

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

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

## GRADUATE COURSES

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

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

†Nur 507. **Case-Work Seminar.** 2 hours.

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

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

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

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

## Degrees Conferred June 1941

## MEDICINE

## DOCTOR OF MEDICINE

Henry Thornton Ash, B.S., Boise, Idaho  
John Michael Boyer, B.S., Portland  
Frederick William Bradshaw, B.A., Portland  
Charles Wetzel Browning, B.S., Portland  
Harris Filmore Bunnell, B.S., Tacoma, Wash.  
Alfred Bruce Cattle, B.A., McMinnville  
Leonard Christensen, B.S., Tacoma, Wash.  
Paul Arthur Cole, B.S., Pullman, Wash.  
Terence H. Cochran, B.S., Oregon City  
Warren Richard Coleman, B.A., Portland  
Douglas G. Cooper, B.A., Portland  
Frederic Davis, B.A., Portland  
Harold Victor DeMars, B.S., Wallace, Idaho  
William Orin Dockendorff, B.S., Everett, Wash.  
Earl Wedle Douglas, A.B., Portland  
Weldon Collins Flint, B.S., Cottonwood, Idaho  
Thomas J. Fox, B.S., Portland  
Robert Jarvis Gould, B.A., Bend  
Paul G. Hafner, M.A., Portland  
Carroll Eugene Heffron, B.S., Sunnyside, Wash.  
Alfred Otto Heldobler, B.A., Portland  
John Richard Hill, B.A., Emmett, Idaho  
Harold Franklin Holsinger, B.S., Nampa, Idaho  
Marcus M. Horenstein, B.A., Portland  
Leonard Dale Jacobson, B.A., Eugene  
Joseph Perkins Kesler, B.A., Bountiful, Utah  
William Charles Kintner, Jr., B.S., Seattle, Wash.  
Marion Vorpe Klingler, B.S., Boise, Idaho  
Mary-Elizabeth Kostalck, B.S., Moscow, Idaho  
Alexander Walter Kretz, B.S., Hoquiam, Wash.

Frank LeCocq, Jr., B.S., Everett, Wash.  
Carl K. Lofberg, B.S., Aberdeen, Wash.  
Leland Richard Lugar, B.S., Yakima, Wash.  
Laurence K. MacDaniels, B.A., Portland  
Guy Elliott Marcy, Jr., B.S., Yakima, Wash.  
George Clinton McCallum, B.S., Spokane, Wash.  
Keith Daniel McMilan, B.A., Rainier  
Harry Andre Melvin, B.A., Portland  
David Arthur Morris, B.A., Eugene  
Earnest A. Movius, B.A., Selah, Wash.  
Averly Miller Nelson, B.S., Wenatchee, Wash.  
Jack Veness Newman, B.A., Seaside  
Geoffrey Frank Osler, B.A., Portland  
Milton Julian Pearl, B.S., Seattle, Wash.  
James Gray Perkins, B.A., Milwaukie  
Robert James Reed, B.A., Portland  
Raymond Murton Reichle, B.A., Portland  
Howard William Rickett, B.S., Tacoma, Wash.  
Julian Allen Rickles, B.S., Seattle, Wash.  
Perry Everett Rowe, B.S., Everett, Wash.  
Robert Paul Scheffer, B.S., Portland  
Joseph Eccles Scott, M.A., Portland  
Florian Julian Shaaky, B.S., Portland  
Isadore Milton Singer, B.A., Portland  
Willis E. Smick, B.S., Seattle, Wash.  
D. Jack Soltman, B.S., Grangeville, Idaho  
Gardner Shepard Stout, A.B., Portland  
Julius Fooyee Sue, B.S., Portland  
Lloyd Frederic Summers, B.A., Milton, Iowa  
Herman Fred Vehrs, B.S., Portland  
Dorothy Woods White, B.S., Everett, Wash.  
Frederick O. Wynia, B.S., Spokane, Wash.

## NURSING EDUCATION

## BACHELOR OF ARTS

Elizabeth Childs, Portland†  
Marion Rose Clark, Portland†  
Helen Elizabeth Haage, Forest Grove†

LaRoyce Elizabeth Lengele, Portland†  
Helen M. Marcy, Portland\*  
Vera Audrey Todd, Portland†

## BACHELOR OF SCIENCE

Nettie E. Alley, Warren\*  
Peggy Baldwin, Rood Rivert  
Alyce E. Bloom, Portland\*  
Ruth M. Boedefeld, Portland\*  
Grace Louise Brennan, Couer d' Alene, Idaho\*  
Ethel M. Bruce, Portland\*  
Grace Elizabeth Cline, Forest Grove\*  
Margaret Ruth Denney, Beaverton†  
Ruby Kate Goff, Forest Grove\*

Hallie K. Harrington, Eugene\*  
Chesta Hayden, Springfield\*  
Jane Hilton, Tacoma, Wash.\*  
Irene Alcock Krygier, Portland\*  
Alice Louise Robins, Portland\*  
Alice Elvena Schaefer, Rainier†  
Dorothea Frances Seebers, Gold Beach\*  
Charlot Thomas, Corvallis†  
Ruth Helen Waind, McMinnville\*

\* Conferred through University of Oregon.

† Conferred through Oregon State College.

## CERTIFICATE IN PUBLIC HEALTH NURSING

Mildred E. Allred, Fountain Green, Utah  
 Leslie Enid Bailey, Arroyo Grande, Cal.  
 Sarah Rose Bernard, Chandler, Ariz.  
 Grace Louise Brennan, Nampa, Idaho  
 Constance Brewer, Bozeman, Mont.  
 Florence Lucile Brown, Phoenix, Ariz.  
 Goldie Shipley Carlyon, Phoenix, Ariz.  
 Mary Keith Cauthorne, Juneau, Alaska  
 Merwyn Darby, Portland  
 Lucy Elizabeth Davison, Madras  
 Margaret Ruth Denney, Beaverton  
 Rae J. DeWitt, Cottonwood, Ariz.  
 Lela Cole Elrod, Coquille  
 Helen English, Bingham Canyon, Utah  
 Edna Flanagan Farris, McMinnville  
 Jeanne LePage Gallien, Portland  
 Eileen M. Goodall, Fort Collins, Colo.  
 Helen Elizabeth Haage, Forest Grove  
 Elizabeth Hanks, Winton, Wyoming  
 Bessie Sorene Hansen, Richfield, Utah  
 Hallie Katherine Harrington, Eugene  
 Ruth Clayton Haws, Salt Lake City, Utah  
 Helen Ivy Hill, Portland  
 Ruth Coila Hinegardner, McMinnville  
 Enid Georgia Howarth, Nephi, Utah

Martha Mastick Howes, Waterville, Wash.  
 Shirley Mary Leppere, Portland  
 Peggy Lillian Lindblom, Everett, Wash.  
 Kathryn Wilson McCabe, Boise, Idaho  
 Nina Maria Miller, McMinnville  
 Lily Cecilia Morris, Great Falls, Mont.  
 Elma Jane Mullins, Astoria  
 Lillian Magdalen Munson, Phoenix, Ariz.  
 Jennette Beryl Napier, Malad, Idaho  
 Beth Evelyn Niccum, Boise, Idaho  
 Olga Olsen, Portland  
 Elizabeth Meta Panck, Tigard  
 Fern M. Peterson, Salt Lake City, Utah  
 Mary C. Robinson, Yuma, Ariz.  
 Helen Louise Ryan, Portland  
 Alice Elvena Schaefer, Rainier  
 Betty Leah Schlapkohl, Ontario  
 Bernice Bishop Skinner, Aurora  
 Ellen Esther Stadius, Portland  
 Leora Simon, Shelby, Mont.  
 Charlot Thomas, Corvallis  
 Vera Audrey Todd, Portland  
 Mabel Turgesen, Portland  
 Beth Kelisky Woolfolk, Los Angeles, Cal.

## CERTIFICATE IN OBSTETRICAL NURSING

Peggy Baldwin, Hood River  
 Geraldine Ruth Betts, Klamath Falls

LaRoyce Lengele, Portland

## CERTIFICATE IN ORTHOPAEDIC NURSING

Irene Alcock Krygier, Portland

## CERTIFICATE IN NURSING SUPERVISION

Ruby Kate Goff, Forest Grove  
 Chesta Winona Hayden, Springfield

## CERTIFICATE IN SURGICAL NURSING

Ruth Helen Waind, McMinnville

## Enrollment 1940-41

## MEDICINE

## CLASS OF 1941

Ash, Henry Thornton, Boise, Idaho  
 University of Oregon, B.S., 1939  
 Boyer, John Michael, Portland  
 Oregon State College, B.S., 1939  
 Bradshaw, Frederick William, Portland  
 University of Oregon, B.A., 1939  
 Browning, Charles Wetzel, Portland  
 Oregon State College, B.S., 1939  
 Bunnell, Harris Filmore, Tacoma, Wash.  
 College of Puget Sound, B.S., 1936  
 Cattle, Alfred Bruce, McMinnville  
 Linfield College, B.A., 1938  
 Christensen, Leonard, Tacoma, Wash.  
 Oregon State College, B.S., 1939  
 Cochran, Terence H., Oregon City  
 Oregon State College, B.S., 1939  
 Cole, Paul Arthur, Pullman, Wash.  
 State College of Washington, B.S., 1935

Coleman, Warren Richard, Bend  
 Oregon State College, B.S., 1939  
 Cooper, Douglas G., Portland  
 University of Oregon, B.A., 1927  
 Davis, Frederic, Portland  
 University of Oregon B.A., 1939  
 DeMars, Harold Victor, Wallace, Idaho  
 University of Idaho, B.S., 1937  
 Dockendorff, William Orin, Everett, Wash.  
 University of Washington, B.S., 1938  
 Douglas, Earl Wedle, Portland  
 Willamette University, A.B., 1927  
 Flint, Weldon Collins, Cottonwood, Idaho  
 University of Idaho, B.S., 1938  
 Fox, Thomas J., Portland  
 University of Portland, B.S., 1937  
 Gould, Robert Jarvis, Bend  
 University of Oregon, B.A., 1939

Hafner, Paul G., Portland  
 University of Oregon, M.A., 1937  
 Heffron, Carroll Eugene, Sunnyside, Wash.  
 University of Oregon, B.S., 1939  
 Heldobler, Alfred Otto, Portland  
 Pacific University, B.A., 1935  
 Hill, John Richard, Eugene  
 University of Oregon, B.A., 1939  
 Holsinger, Harold Franklin, Meridian, Idaho  
 University of Oregon, B.S., 1939  
 Horenstein, Marcus M., Portland  
 University of Oregon, B.A., 1937  
 Jacobson, Leonard Dale, Eugene  
 University of Oregon, B.A., 1937  
 Kesler, Joseph Perkins, Bountiful, Utah  
 University of Utah, B.A., 1938  
 Kintner, William Charles, Jr., Seattle, Wash.  
 University of Washington, B.S., 1937  
 Klingler, Marion Vorpe, Boise, Idaho  
 University of Idaho, B.S., 1935  
 Kostalek, Mary-Elizabeth, Moscow, Idaho  
 University of Idaho, B.S., 1939  
 Kretz, Alexander Walter, Hoquiam, Wash.  
 University of Washington, B.S., 1938  
 LeCocq, Frank, Jr., Everett, Wash.  
 University of Washington, B.S., 1938  
 Loberg, Carl K., Aberdeen, Wash.  
 University of Washington, B.S., 1937  
 Lugar, Leland Richard, Yakima, Wash.  
 Washington State College, B.S., 1938  
 MacDaniels, Laurence K., Portland  
 Reed College, B.A., 1937  
 Marcy, Guy Elliott, Jr., Yakima, Wash.  
 Washington State College, B.S., 1938  
 McCallum, George Clinton, Spokane, Wash.  
 Washington State College, B.S., 1935  
 McMilan, Keith Daniel, Rainier  
 University of Oregon, B.A., 1939  
 Melvin, Harry Andre, Portland  
 University of Oregon, B.A., 1939  
 Morris, David Arthur, Eugene  
 University of Oregon, B.A., 1939  
 Movius, Earnest A., Selah, Wash.  
 Reed College, B.A., 1937  
 Nelson, Averly Miller, Wenatchee, Wash.  
 University of Washington, B.S., 1938

Newman, Jack Veness, Seaside  
 University of Oregon, B.A., 1939  
 Osler, Geoffrey Frank, Portland  
 Oregon State College, B.A., 1939  
 Pearl, Milton Julian, Seattle, Wash.  
 University of Washington, B.S., 1938  
 Perkins, James Gray, Milwaukie  
 University of Oregon, B.A., 1939  
 Reed, Robert James, Portland  
 Reed College, B.A., 1937  
 Reichle, Raymond Murton, Portland  
 Oregon State College, B.A., 1939  
 Rickett, Howard William, Tacoma, Wash.  
 College of Puget Sound, B.S., 1936  
 Rickles, Julian Allen, Seattle, Wash.  
 University of Washington, B.S., 1937  
 Rinehart, Robert Earl, Hoevet  
 Oregon State College, B.S., 1937  
 Rowe, Perry Everett, Everett, Wash.  
 University of Washington, B.S., 1935  
 Scheffer, Robert Paul, Portland  
 Notre Dame, B.S., 1937  
 Scott, Joseph Eccles, Portland  
 University of Oregon, M.A., 1937  
 Shasky, Florian Julian, Portland  
 University of Portland, B.S., 1936  
 Singer, Isadore Milton, Portland  
 Reed College, B.A., 1937  
 Smick, Willis E., Sprague, Wash.  
 University of Oregon, M.A., 1941  
 Soltman, D. Jack, Grangeville, Idaho  
 University of Idaho, B.S., 1939  
 Stout, Gardner Shepard, Portland  
 Stanford University, A.B., 1937  
 Sue, Julius Foooye, Portland  
 Oregon State College, B.S., 1939  
 Summers, Lloyd Frederic, Milton, Iowa  
 University of Iowa, B.A., 1935  
 Vehrs, Herman Fred, Portland  
 University of Oregon, B.S., 1938  
 White, Dorothy Woods, Everett, Wash.  
 University of Washington, B.S., 1935  
 Wynia, Frederick O., Spokane, Wash.  
 University of Washington, B.S., 1938

## CLASS OF 1942

Anderson, Robert Francis, Troutdale  
 Willamette University, A.B., 1938  
 Armentrout, Herbert L., Portland  
 University of Oregon, B.S., 1937  
 Aumann, Kurt William, LaCrosse, Wash.  
 University of Oregon, M.A., 1940  
 Beckwith, Harry George, Portland  
 Reed College, B.A., 1938  
 Bellinger, Grover Lee, Salem  
 University of Oregon, B.A., 1938  
 Berglund, George J. A., Portland  
 University of Washington, B.S., 1937  
 Bogdanovich, Andrew Carlyle, Portland  
 University of Oregon, B.A., 1938  
 Boyd, Barbara Jean, Portland  
 University of Oregon, B.A., 1939  
 Braff, Andrew Francke, Seattle, Wash.  
 University of Washington, B.S., 1938  
 Butler, Franklin Meeds, Spokane, Wash.  
 Washington State College, B.S., 1938  
 Calhoun, Carl W., Portland  
 Reed College, B.A., 1940  
 Canfield, Earle Garrett, Ashland  
 University of Oregon, B.A., 1940  
 Coddington, Frederick L., Opportunity,  
 Wash.  
 University of Washington, B.S., 1936

Code, Clarence L., Seattle, Wash.  
 University of Washington, B.S., 1937  
 Codling, John William, Portland  
 University of Washington, B.S., 1932  
 Corrigan, William James, Spokane, Wash.  
 University of Portland, B.S., 1938  
 Day, Charles Ward, Seattle, Wash.  
 University of Washington, B.S., 1939  
 Dunlap, Jack Elliot, Portland  
 Oregon State College, B.A., 1940  
 Fisher, G. Alan, Portland  
 Oregon State College, B.A., 1940  
 Fisher, Harold Lionel, Weiser, Idaho  
 University of Oregon, B.S., 1940  
 Frederick, Philip Mark, Seattle, Wash.  
 University of Washington, B.S., 1939  
 Gerow, James H., Portland  
 University of Oregon, B.A., 1940  
 Hall, Barnard, Portland  
 University of Oregon, B.A., 1938  
 Healy, Thomas S., Portland  
 University of Oregon, B.A., 1940  
 Kavanaugh, J. Dunn, Portland  
 University of Oregon, B.S., 1934  
 Kretzner, Elwood William, Salt Lake City,  
 Utah  
 University of Utah, B.A., 1938

Leong, Richard Wilson, Portland  
Linfield College, B.A., 1937  
Lindgren, Aarne Johannes, Portland  
University of Oregon, B.S., 1936  
Lofquist, Edwin, Portland  
Oregon State College, B.S., 1939  
Lucas, Donald Brooks, Clarkston, Wash.  
Pacific University, A.B., 1938  
McConnell, Graham Slagle, Pullman, Wash.  
Columbia University, A.B., 1936  
McGowan, Gordon Wesley, The Dalles  
University of Oregon, B.A., 1940  
McKeown, Scott Bennett, Marshfield  
University of Oregon, B.A., 1940  
McKinley, Donald, Portland  
Reed College, B.A., 1940  
Mathieu, Alkin, Portland  
Stanford University, A.B., 1938  
Murray, Douglas Hector, Seattle, Wash.  
University of Washington, B.S., 1936  
Murray, Frances Barton, Seattle, Wash.  
University of Washington, B.S., 1936  
Olsen, Ralph Louis, Portland  
University of Oregon, B.A., 1938  
Pemberton, Philip Eugene, Astoria  
Willamette University, B.A., 1939  
Pierson, John Martin, Jr., Portland  
Oregon State College, B.A., 1938  
Prewitt, Gordon, Waldport  
Oregon State College, B.A., 1940

Ramquist, Reuel, Vashon, Wash.  
University of Washington, B.S., 1935  
Rice, Glen Griffith, Seattle, Wash.  
Pacific University, A.B., 1938  
Richardson, John, Tacoma, Wash.  
University of Washington, B.S., 1936  
Ritcbie, John Walter, Eugene  
Oregon State College, B.S., 1940  
Robson, John Theodore, Seattle, Wash.  
University of Washington, B.A., 1938  
Seacatt, Dennis Hjalmar, Alexandria, S.D.  
University of South Dakota, A.B., 1938  
Sittner, Wilhelm John, Portland  
Whitman College, A.B., 1938  
Steinfeld, Gordon David, Portland  
Reed College, B.A., 1940  
Snyder, John E., Seattle, Wash.  
University of Washington, B.S., 1938  
Stucky, Jack Ernest, Klamath Falls  
University of Oregon, B.A., 1940  
Taylor, Douglas Hamilton, Beaverton  
Wheaton College, B.S., 1938  
Thompson, George Everett, Portland  
University of Oregon, B.A., 1940  
Varney, J. Howard, Powers  
Willamette University, A.B., 1938  
Verberkmoes, John Gates, Kooskia, Idaho  
University of Idaho, B.S., 1934  
Yuhas, Joseph Lawrence, Stockett, Mont.  
University of Montana, B.A., 1938

## CLASS OF 1943

Andrews, Neil C., Portland  
University of Oregon, B.A., 1940  
Banfield, Ernest E., Portland  
Oregon State College, B.A., 1939  
Brown, Merle F., Independence  
Willamette University, A.B., 1939  
Butler, Harry Taylor, Portland  
University of Oregon, B.A., 1939  
Camber, Robert Louis, Portland  
Reed College, B.A., 1939  
Curry, Frank Freeman, Seattle, Wash.  
University of Washington, B.S., 1939  
Epler, Robert Henry, Portland  
University of Oregon, B.A., 1941  
Finck, John Paul, Caldwell, Idaho  
University of Oregon, B.S., 1941  
Folts, Lynd Louis, Seattle, Wash.  
University of Washington, B.S., 1937  
Gary, J. Everett, West Linn  
Willamette University, A.B., 1939  
Gibson, Robert H., Tacoma, Wash.  
College of Puget Sound, B.S., 1939  
Goldsmith, Richard Henry, Portland  
University of Oregon, B.S., 1941  
Gray, Cary Patton, Longview, Wash.  
University of Washington, B.S., 1939  
Gregg, Ralph L., Seattle, Wash.  
University of Washington, B.S., 1939  
Grier, Dugald H., Multnomah  
University of Portland, B.S., 1941  
Griswold, Herbert Edward, Jr., Portland  
Reed College, B.A., 1939  
Guis, Russell Loran, Woodburn  
University of Oregon, B.A., 1941  
Hack, Raymond Linton, Multnomah  
Oregon State College, B.A., 1941  
Hartsuck, David S., Quilcene, Wash.  
University of Washington, B.S., 1939  
Hoyt, Wallace P., Puyallup, Wash.  
Whitman College, 1935-36  
Washington State College, 1936-39  
Hutchinson, Russell Eugene, Portland  
Reed College, B.A., 1939  
Imboden, Lucien H., Snohomish, Wash.  
University of Washington, B.S., 1939

Jackson, Logan E., Portland  
Whitman College, A.B., 1938  
Jenkins, Robert D., Boise, Idaho  
University of Idaho, B.S., 1939  
Jones, Charles Herbert, Centralia, Wash.  
University of Washington, B.S., 1940  
Jones, Howard Lloyd, Portland  
University of Oregon, B.A., 1941  
Kirchhof, Conrad, Seattle, Wash.  
University of Oregon, B.A., 1941  
Lagozzino, Daniel A., Seattle, Wash.  
University of Washington, B.S., 1940  
Larsell, John Fleming, Portland  
Oregon State College, B.A., 1939  
Loughlen, Ivan K., Tacoma, Wash.  
University of Washington, B.S., 1939  
Ludden, Theodore E., Great Falls, Mont.  
Willamette University, A.B., 1939  
Mansfield, Charles Owen, Pateros, Wash.  
University of Washington, B.S., 1939  
Miller, Owen George, Eugene  
University of Oregon, B.A., 1941  
Morgan, William Earle, Aberdeen, Wash.  
University of Washington, B.S., 1939  
Nebel, Samuel F., Sbelton, Wash.  
Reed College, B.A., 1941  
Needham, Winfield H., Salem  
Stanford University, A.B., 1939  
Nohlgren, Joseph Ernest, Salem  
South Dakota State College, B.S., 1935  
O'Connor, Owen J., Portland  
University of Portland, B.S., 1941  
Olson, Hilding H., Bow, Wash.  
University of Washington, B.A., 1939  
Perry, Almeron T., Salem  
Willamette University, A.B., 1938  
Peterson, Clarence Gray, Portland  
University of Oregon, B.A., 1939  
Phillips, Clifford W., Seattle, Wash.  
University of Washington, B.S., 1940  
Ramsey, Douglas E., Portland  
University of Oregon, B.A., 1941  
Royce, Byron F., Silverton  
University of Oregon, B.A., 1941

Schneider, Irvin Joseph, Shaw  
Oregon State College, B.S., 1941  
Smith, Theodore Sprague, Eugene  
University of Oregon, B.S., 1941  
Stamm, Mary Jane, Pysht, Wash.  
Mills College, B.A., 1939  
Stone, Alfred M., Boise, Idaho  
University of Minnesota, B.A., 1939  
Sullivan, Nicholas P., Portland  
Washington State College, M.S., 1933  
Thomas, Evan Watson, Portland  
Reed College, B.A., 1939

Tunturi, Archie R., Portland  
Reed College, B.A., 1939  
Ulett, George Andrew, Coquille  
Stanford University, B.A., 1940  
Versteeg, Charles Neil, McMinnville  
Willamette University, A.B., 1937  
Wallen, John Walfred, Seattle, Wash.  
University of Washington, B.S., 1940  
Westerberg, Harry, Portland  
Whitman College, A.B., 1939  
Wood, Gregg Donald, Portland  
Reed College, B.A., 1939

## CLASS OF 1944

Abts, Richard Mervin, Hillsboro  
University of Portland, 1937-40  
Adams, Ernest Foss, Pullman, Wash.  
Washington State College, B.S., 1940  
Amato, Joseph Phillip, Portland  
University of Oregon, BA, 1940  
Ballard, Robert Finch, Longview, Wash.  
University of Washington, 1936-39  
Barclay, Charles Gedney, Couer d'Alene,  
Idaho  
University of Washington, 1936-40  
Blaine, Norman Lewis, Freewater  
Whitman College, A.B., 1937  
Breese, Melvin Wilson, Portland  
Oregon State College, B.S., 1936  
Burge, William Martin, Portland  
Willamette University, A.B., 1940  
Callicrate, Dominic Leo, Portland  
University of Portland, B.S., 1939  
Cherry, Howard LeGrande, Corvallis  
Oregon State College, B.A., 1938  
Christianson, Charles Sidney, Forest Grove  
Pacific University, B.S., 1934  
Clark, Frank Harrison, Portland  
Oregon State College, 1937-40  
Cochran, Quinten Wood, Portland  
Reed College, B.A., 1940  
Colver, Hugh Donald, Boise, Idaho  
College of Idaho, B.A., 1940  
Cooke, Donovan Osborne, Ashland  
Southern Oregon Normal, 1936-37  
University of Oregon, 1937-39  
Oregon State College, SS 1940  
Culp, Clyde Elmer, Moscow, Idaho  
University of Idaho, 1937-40  
Davis, Betty Norma, Redmond, Wash.  
Linfield College, B.A., 1940  
Davis, Herbert Van Dyke, Ashland  
Willamette University, A.B., 1940  
Drynan, Arthur W. Jr., Butte, Mont.  
University of Portland, B.S., 1939  
Enzler, Joseph Richard, Battle Ground,  
Wash.  
University of Portland, B.S., 1940  
Feek, Joseph David, Seattle, Wash.  
University of Washington, B.S., 1939  
Freund, Jack Daniel, Eugene  
Walla Walla College, 1936-37  
University of Oregon, 1937-40  
Gaeden, Norman Joseph, Eugene  
University of Oregon, B.S., 1938  
Gill, Joseph Howland, Portland  
Reed College, B.A., 1940  
Greenberg, Albert Kahn, Portland  
San Francisco State College, 1934-35  
University of Oregon, 1938-40  
Grondahl, Raymond Douglas, Stevenson,  
Wash.  
Washington State College, B.S., 1939  
Harris, Norman Malcolm, Portland  
Reed College, B.A., 1940

Hauser, Max Hugo, Spokane, Wash.  
Willamette University, A.B., 1940  
Henderson, Warren S. P., Pendleton  
University of British Columbia, 1936-39  
Higgins, John Richard, Baker  
Oregon State College, 1937-40  
Hogan, James Daniel, Renton, Wash.  
Seattle College, B.S., 1940  
Holm, Carl L., Silverton  
Willamette University, A.B., 1940  
Hunt, Calvin Lawson, Klamath Falls  
Oregon State College, 1937-40  
Hutchinson, Alfred Charette, Pendleton  
Oregon State College, 1937-40  
Kalkus, Julius Hugh, Puyallup, Wash.  
Washington State College, 1936-40  
Karstens, Hans Carsten, Helix  
University of Oregon, 1934-35; 1936-39  
Oregon State College, 1939-40  
Kvernlund, Bruce Norman, Portland  
Reed College, 1937-40  
Langley, Ivan Ira, Fairview  
Oregon State College, B.A., 1940  
Legrand, Joseph Bernard, Portland  
Seattle College, B.S., 1940  
Loomis, John Wayne, Portland  
Reed College, B.A., 1940  
MacDonald, Donald Carl, Scio  
University of Oregon, 1936-40  
Macdonald, Ian Donald, Portland  
Willamette University, 1932-34  
Oregon State College, 1936-37  
University of Washington, SS 1939  
Mason, David Clement, Beaverton  
Reed College, B.A., 1940  
Maurice, Gordon Louis, Yakima, Wash.  
Washington State College, B.S., 1940  
May, Arthur John, Friday Harbor, Wash.  
University of Washington, B.A., 1939  
Merriss, Martin Daniel, Portland  
Oregon State College, B.A., 1940  
Meyers, Philip Stephen, Portland  
Oregon College of Education, 1927-29  
San Jose State College, SS 1937  
University of Oregon, 1938-40  
Mundal, Allen Lauritz, Wilbur, Wash.  
Washington State College, B.S., 1940  
McCusker, Clarence Joseph, Portland  
Reed College, 1935-38  
Oregon State College, 1938-39  
McMurray, W. Robert, Jr., Portland  
University of Oregon, 1937-40  
Osborne, Eben Sumner, Jr., Seattle, Wash.  
University of Washington, B.A., 1938  
Oyamada, Abe, Portland  
Reed College, 1937-40  
Palmason, Edward Palmi, Seattle, Wash.  
University of Washington, 1933-40  
Parkinson, Edward Chester, Portland  
University of Kansas, A.B., 1935



Peck, Richard Max, Portland  
Oregon State College, 1937-40  
Pennington, Merle, Sherwood  
Reed College, 1937-40  
Player, Glen Shirley, Seattle, Wash.  
University of Washington, B.S., 1940  
Racely, Clay A., Portland  
Willamette University, A.B., 1939  
Rawls, Frederick Franklin, Corvallis  
Oregon State College, 1937-40  
Riley, James Anthony, Jr., Chiloquin  
Southern Oregon College of Educ., 1936-38  
Oregon State College, 1938-40  
Rodda, James Marvin, Portland  
University of Oregon, B.A., 1935  
Rummell, Philip M. Dillard  
Willamette University, A.B., 1940  
Salter, Edgar Richard, Deer Park, Wash.  
Whitworth College, 1936-37  
University of Washington, 1937-40  
Shy, George Milton, Portland  
Oregon State College, B.S., 1940

## GRADUATE STUDENTS, 1940-41

Beetem, Ksenia, B. Chem.  
Bocek, Max M., M.S.  
Branigin, Helen, B.A.  
Culbertson, John, B.S.  
Erickson, Raymond, A.B.  
Haslop, Elaine, B.A.  
Herbertson, James, M.S.  
Highet, Doris M., B.S.  
Joski, Julia, B.S.  
Karstens, Andres, B.A.  
Kuylaars, Mary, B.A.

Slade, Erwin Ray, Lynden, Wash.  
University of Washington, B.S., 1940  
Stenberg, Oscar, Jr., Spokane, Wash.  
University of Washington, B.S., 1940  
Tarshis, Maurice Steinmetz, Portland  
Reed College, B.A., 1936  
Thompson, Arthur Ivan, Moscow, Idaho  
University of Idaho, B.S., 1929  
Harvard University, M.B.A., 1932  
Towson, Travis Jackson, Jr., Portland  
University of Washington, 1936-37  
Oregon State College, 1937-40  
Underhill, Frank Jay, Seattle, Wash.  
University of Washington, B.S., 1940  
Wells, Charles Obed, Hillsboro  
Pacific University, B.A., 1939  
Woolery, James William, Seattle, Wash.  
University of Washington, B.S., 1939  
Zanner, Von, Tacoma, Wash.  
College of Puget Sound, B.A., 1937

LaClair, Eugene, B.A.  
Landis, Robert, B.S.  
Pennoyer, Cleota, B.S.  
Reithel, Francis, M.A.  
Rogers, Kate, B.A.  
Ross, Jean, B.S.  
Swanson, Phyllis, M.A.  
Taylor, Jean, B.A.  
Thompson, Frank, M.A.  
Uchiyama, John, B.A.

## SPECIAL STUDENTS AND AUDITORS, 1940-41

Boothby, Pearl  
Duerst, Marie  
Dunlap, Dorothy

Stoner, Paul  
Stewart, Annette

## NURSING EDUCATION

## ADVANCED NURSING STUDENTS

Allison, Dorothy E., Billings, Mont.  
Battle, Dorothy, Denver, Colo.  
Betts, Geraldine, Klamath Falls  
Brazzel, Ann, Phoenix, Ariz.  
Brewer, Constance, Bozeman, Mont.  
Bruno, Eltha, Kimberly, Idaho  
Callahan, Hazel, Butte, Mont.  
Cathy, Evelyn, Portland  
Cauthorne, Mary, Juneau, Alaska  
Cummings, Ann, Portland  
Danzel, Phyllis, Los Angeles, Cal.  
Davis, Eva, Portland  
DeWitt, Rae, Phoenix, Ariz.  
Donahue, Lucille, Butte, Mont.  
Elrod, Lela, Coquille  
Farris, Edna, Warrendale  
Fennell, Opal, Burlingame, Cal.  
Feore, Mary, Tucson, Ariz.  
Foley, Catherine, Denver, Colo.  
Gerber, Eunice, Springfield  
Grimm, Elizabeth, Denver, Colo.  
Hansen, Elma, Brigham City, Utah  
Haycock, June, Panguitch, Utah  
Hill, Helen, Portland  
Holdaway, E. Marie, Berkeley, Cal.

Holderbaum, Katherine, Great Falls, Mont.  
Howarth, Enid, Nephi, Utah  
Jordan, Opal, Pocatello, Idaho  
Kimball, Mildred, Cheyenne, Wyo.  
Larsen, Rhoda, Mantua, Utah  
Liggett, Lorna, Klamath Falls  
Loftis, Jane, Salt Lake City, Utah  
McCabe, Kathryn, Boise, Idaho  
McKenna, Agnes, Trinidad, Colo.  
Miller, Marjorie, Great Falls, Mont.  
Mullins, Elma Jane, Goble  
Munson, Lillian, Hartford, Conn.  
Napier, Jennette Beryl, Malad, Idaho  
Niccum, Beth, Boise, Idaho  
Peffley, Ruth, Great Falls, Mont.  
Perfield, Mary, Portland  
Perry, Phyllis, Mapleton, Utah  
Reimer, Ruth, Beatrice, Neb.  
Robinson, Mary C., Yuma, Ariz.  
Rogers, Maude, Salt Lake City, Utah  
Smith, M. Helen, Portland  
Turgesen, Mabel, Portland  
Willmon, Margaret, Yuma, Ariz.  
Woolfolk, Beth, Tucson, Ariz.

## DEGREE STUDENTS

Abelgore, Lois, Corvallis  
Alley, Nettie, St. Helens  
Alfred, Mildred, Fountain Green, Utah  
Andrews, Bonnie Jean, Touchet, Wash.  
Baker, Rose Jean, Hood River  
Baldwin, Emma Blanche, Corvallis  
Baldwin, Peggy, Hood River  
Bates, Helen, McMinnville  
Benefiel, Jeannette, Corvallis  
Bloom, Alyce, Portland  
Boedefeld, Ruth, Portland  
Bond, Helen, Eugene  
Brennan, Grace, Couer d' Alene, Idaho  
Brown, Eileen, Portland  
Brown, Laura, Spokane, Wash.  
Bruce, Ethel, Portland  
Chalmers, Wilma, Forest Grove  
Cassady, Miriam, Portland  
Cavagnaro, Louise, Portland  
Chase, Frances, Eugene  
Childs, Elisabeth, Albany  
Chuinard, LaVada, Kelso, Wash.  
Clark, Marion, Portland  
Cline, Betty, Forest Grove  
Conley, Martha, Portland  
Davison, Lucy, Portland  
deWitt, Winnifred, Portland  
Dickson, Virginia, Shedd  
Dodge, Elizabeth, Canyonville  
Durk, Virginia, Kimberly, Idaho  
Eivers, Jean, Portland  
Elder, Lois, North Bend  
English, Helen, Bingham Canyon, Utah  
Farnsworth, Jane, Gladstone  
Galbreath, Thelma, Sherwood  
Gallien, Jeanne, Portland  
Graham, Jean, Ontario  
Graham, Margaret, Portland  
Granberg, Margaret, Portland  
Haage, Helen, Forest Grove  
Hackleman, Virginia, Albany  
Hachlen, Jeanne, Portland  
Halvorsen, Mildred, Salem  
Harrington, Hallie, Eugene  
Hayden, Chesta, Springfield  
Hayes, Doris, Salem  
Hea, Harriett, Bozeman, Mont.  
Hilton, Jane, Tacoma, Wash.  
Hinegardner, Ruth, McMinnville  
Hoffman, Margaret, Redmond  
Hohmann, E. Marie, Cottage Grove  
Holstine, Marian, St. Helens

Howell, Shirley J., Clackamas  
Johanson, Verla, Salt Lake City, Utah  
King, E. Francine, Portland  
Knapp, Charlotte, Roseburg  
Knight, Ollimae, Twin Falls, Idaho  
Krygier, Irene, Ashland  
Kuhn, Florence, Portland  
Lengele, LaRoyce, Portland  
Leppere, Shirley, Portland  
Maloy, LaReine, Port Orford  
Marcy, Helen M., Portland  
Marshall, Betty Jane, Portland  
Mason, Dorothy, Reno, Nevada  
Maynard, Ruth, Idaho Falls, Idaho  
McConnell, Agnes, Portland  
McPherson, Jean, Medford  
McRay, Harriett, Myrtle Point  
Miller, Nina Maria, McMinnville  
Morris, Lily, Great Falls, Mont.  
Olsen, Olga, Portland  
Olson, Ruby, North Bend  
Panck, Elizabeth, Tigard  
Parker, Dorothy, Portland  
Parrish, Iva Agnes, Portland  
Peters, Elizabeth, Clackamas  
Poysky, Phyllis, Clatskanie  
Rawlinson, May, Portland  
Reid, Audrey, Portland  
Robb, Mary, North Bend  
Robinson, Dorothy, Portland  
Rohde, Elizabeth H., Cottage Grove  
Ross, Helen, Cornelius  
Rouse, Glady, Portland  
Sander, Mary, Mapleton  
Saxton, Edith Elsie, Corvallis  
Schrouder, Ruth, Corvallis  
Scott, Ruth Josephine, Portland  
Seely, Dorothea, Scappoose  
Sharf, Alice, Portland  
Simon, Leora, Wolf Point, Mont.  
Stewart, Lois, Provo, Utah  
Stout, Alice Mae, Corvallis  
Taylor, Mary, Eugene  
Thomas, Charlot, Corvallis  
Todd, Vera A., Portland  
Waind, Ruth Helen, McMinnville  
Walls, F. Jean, Eugene  
Warila, Bernice, Astoria  
Weber, Doris, Hillsboro  
Webster, Catherine V., Portland  
Wiesendanger, Alice, Bonneville  
Wilson, Bernice, Forest Grove

## SPECIAL STUDENTS AND AUDITORS

Abegg, Elizabeth, Portland  
Ackermann, Dorice, Portland  
Adkins, Hazel, Eight Mile  
Akens, Bertha, Ione  
Allegre, Dolores, Hood River  
Allen, Mildred, Portland  
Amos, Maxine, Portland  
Anderson, Lila, Astoria  
Barnett, Carmen, Portland  
Bauraine, Beverly, Portland  
Bayers, Bertha, Twin Bridges, Mont.  
Bennett, LaVelle, Burns  
Benson, Dorothy, Portland  
Bernard, Charlotte, Beaverton  
Bieger, Palma, Tacoma, Wash.  
Burnett, Violet, Harrisburg  
Chase, Betty Ann, Portland  
Cole, Edith, Portland  
Conlee, Patricia, Portland  
Conner, Evelyn, Portland

Cooper, Theadra, Portland  
Cork, Clarice, Redmond  
Coppock, Evelyn, Portland  
Curteman, Marjorie, Middleton, Idaho  
Davis, Barbara, Mill City  
Davis, Virginia, Baker  
DeMerice, Betty, Sandy  
Doherty, Florence, Portland  
Douglass, Stella, Tacoma  
Dunn, Evelyn, Portland  
Durbin, LaVern, Edmunds, Wash.  
Ek, Rachael, Portland  
Elliott, Orah, Westfir  
Felt, Glady, Burns  
Flynn, Johanna, Portland  
Forsberg, Leona, Tacoma, Wash.  
Franson, Hope, Golconda, Nev.  
Gallagher, Elizabeth, Myrtle Point  
Gardner, Laurel, McEwen  
Gerstmann, Betty, Puyallup, Wash.

Gifford, Glea.....	Puyallup, Wash.	Moore, Edith.....	Portland
Gulley, Esthel.....	Springbrook	Moore, Phyllis.....	Astoria
Hamon, Audrey.....	St. Helens	Mould, Elizabeth.....	Portland
Hancock, Ellen.....	Portland	Mulkey Mildred.....	Salem
Hansen, Harriet.....	Beaverton	Nelson, Eva May.....	Portland
Hanson, Ruth.....	Woodburn	Nelson, Virginia.....	Tacoma, Wash.
Hecht, Jeanette.....	Portland	Nickerson, Virginia.....	Portland
Hensler, Mary.....	Medford	Nielsen, Laura.....	Kadoka, S. D.
Hilde, Myrlo.....	Portland	Norton, Caroline.....	Astoria
Hoffman, Naida.....	Satanta, Kan.	Pedersen, Grace.....	Cathlamet, Wash.
Hurley, Vesta.....	Roseburg	Perri, Mary.....	Walla Walla, Wash.
Hurst, Joyce.....	Astoria	Renick, Frances.....	Portland
Jewell, Marian.....	Hoquiam, Wash.	Roberts, Eleanor.....	Lewiston, Idaho
Johnson, Hazel.....	The Dalles	Samel, Gladys.....	Portland
Johnson, Leola.....	Tacoma, Wash.	Sandall, Helen.....	Portland
Johnson, Laverna.....	Green Creek, Idaho	Schade, Madelyn.....	Medford
Juza, Helen.....	Salem	Schenk, Jean.....	Tacoma, Wash.
Kessinger, Verneita.....	Boise, Idaho	Schofield, Vivian.....	Tacoma, Wash.
Kilgore, Kathleen.....	Merced, Cal.	Schmidt, Helen.....	Cornelius
King, Helen.....	Portland	Sherman, Eleanor.....	Longview, Wash.
Kirk, Evelyn.....	Heppner	Short, Mary Lois.....	Foster
Kirk, Susan.....	Narrows	Smith, Rosemarie.....	Portland
Kondu, Mary.....	Gresham	Smith, Shirley.....	Longview, Wash.
Kyle, Prudence.....	Seaside	Stewart, Mary.....	John Day
Lasiter, Cora.....	Sweet Home	Strobridge, Ellen.....	Gold Beach
Layne, Betty.....	Ridgefield, Wash.	Swigert, Marjorie.....	Auburn, Wash.
Lewis, Betty.....	Portland	Tatro, Annabelle.....	Lakeview
Linville, Barbara.....	Seattle, Wash.	Taylor, Maxine.....	Portland
Little, Mary.....	Conrad, Mont.	Taylor, Shirley.....	Tacoma, Wash.
Long, Emma.....	Portland	Tetherow, Marjorie.....	Redmond
Lovejoy, Jean.....	Tacoma, Wash.	Theobald, Marion.....	Portland
McCartney, Ellen.....	Vancouver, B. C.	Thomison, Wilda.....	The Dalles
McCurdy, Elizabeth.....	Hood River	Tracer, Anetta.....	Junction City
McDonald, Madeline.....	Scio	Trask, Irmal.....	Hillsboro
McFerrin, Norma.....	Portland	Troost, Margaret.....	Portland
McKeith, Ethel.....	Inland, Canada	Trullinger, Hazel.....	Woodburn
McKinley, Dorothy.....	Portland	Warner, Mary.....	Portland
McKinnis, E. Mildred.....	Yakima, Wash.	Weider, Lois.....	Portland
McMahon, Ardyth.....	The Dalles	Wiley, Jane.....	Portland
Maggs, June.....	Roslyn, Wash.	Worden, Martha.....	Granger, Wash.
Matz, Idamae.....	Portland	Youtsler, Ada.....	Astoria
Molver, Audrey.....	Tacoma, Wash.		

## NURSING EDUCATION—SUMMER 1940

## ADVANCED CERTIFICATE STUDENTS

Alfred, Mildred E.....	Fountain Green, Utah	Hinegardner, Ruth.....	McMinnville
Bailey, L. Enid.....	Arroyo Grande, Cal.	Holderbaum, Katherine.....	Great Falls, Mont.
Bernard, Sarah.....	Chandler, Ariz.	Holter, Violet.....	Monroe
Brennan, Grace L.....	Nampa, Idaho	Howarth, Enid.....	Nephi, Utah
Brown, Florence.....	Portland	Howes, Martha M.....	Portland
Carlyle, Elizabeth.....	Orengo	Jordan, Opal.....	Emmett, Idaho
Carlyon, Goldie S.....	Phoenix, Ariz.	Kammeyer, Caroline.....	Cortaro, Ariz.
Childs, Elisabeth.....	Albany	Lindblom, Peggy.....	Everett, Wash.
Darby, Merwyn.....	Portland	Morris, Lily.....	Great Falls, Mont.
Davison, Lucy.....	Portland	Mullins, Elma.....	Goble
Denney, M. Ruth.....	Beaverton	Munson, Lillian.....	Hartford, Conn.
DeWitt, Rae J.....	Phoenix, Ariz.	Napier, J. Beryl.....	Malad, Idaho
Doss, Loy F.....	Provo, Utah	Panck, Elizabeth.....	Tigard
Elrod, Lela C.....	Coquille	Peterson, Fern.....	Salt Lake City, Utah
English, Helen.....	Bingham, Utah	Ryan, Helen.....	Portland
Farris, Edna.....	Warrendale	Schaefer, Alice.....	Rainier
Fennell, Opal D.....	Burlingame, Cal.	Schlapkohl, Betty.....	Ontario
Ford, Margaret D.....	Phoenix, Ariz.	Simantel, Mildred.....	Billings, Mont.
Goff, Ruby K.....	Forest Grove	Simons, Leora.....	Wolf Point, Mont.
Goodall, Eileen.....	Fort Collins, Colo.	Skinner, Bernice.....	Aurora
Hanks, Elizabeth.....	Winton, Wyo.	Stadius, Ellen.....	Portland
Hansen, Bessie S.....	Richfield, Utah	Turgesen, Mabel.....	Portland
Haws, Ruth C.....	Salt Lake City, Utah	Woolfolk, Beth.....	Tucson, Ariz.
Haycock, June.....	Panguitch, Utah	Wolfe, Wanda L.....	Parker, Ariz.
Hayden, Chesta.....	Springfield	Zachary, Mary B.....	Reno, Nev.
Hill, Helen I.....	Portland		

## MULTNOMAH HOSPITAL

Abelgore, Lois.....	Corvallis	Marcy, Helen.....	Portland
Andrews, Bonnie.....	Touchet, Wash.	Maynard, Ruth.....	Idaho Falls, Idaho
Baldwin, E. Blanch.....	Corvallis	Marshall, Betty Jane.....	Portland
Baldwin, Peggy.....	Hood River	McPherson, Jean.....	Medford
Benehel, Jeanette.....	Corvallis	Parker, Dorothy.....	Portland
Bond, Helen L.....	Eugene	Poysky, K. Phyllis.....	Clatskanie
Brown, Eileen M.....	Portland	Rawlinson, May E.....	Portland
Bruce, Ethel.....	Portland	Robb, Mary C.....	North Bend
Chalmers, Wilma.....	Forest Grove	Rohde, Elizabeth.....	Cottage Grove
Conley, Martha.....	Portland	Sander, Mary.....	Mapleton
Dickson, Virginia.....	Shedd	Saxton, Edith E.....	Corvallis
Dodge, Elizabeth.....	Canyonville	Spencer, Margaret.....	Brownsville
Galbreath, Thelma.....	Sherwood	Stewart, Lois.....	Provo, Utah
Hackleman, Virginia.....	Albany	Thomas, Charlot.....	Corvallis
Hachlen, Jeanne.....	Portland	Todd, Vera.....	Portland
Hilton, Jane.....	Tacoma, Wash.	Warila, Bernice.....	Astoria
Hohmann, E. Marie.....	Cottage Grove	Waind, Ruth.....	McMinnville
Knapp, Charlotte.....	Wilbur	Walls, F. Jean.....	Eugene
Knight, Ollimac.....	Twin Falls, Idaho	Weber, Doris.....	Hillsboro
Langele, LaRoyce.....	Corvallis	Wiescendanger, Alice.....	Bonneville
Maloy, LaReine M.....	Port Orford		

## DOERNBECHER HOSPITAL

Aamand, Delpha M.....	St. Helens	Hilde, Sophie.....	Portland
Allen, Mabel Irene.....	Harper	Massie, Doris.....	Forest Grove
Behling, Maxine.....	Portland	McGonigle, Mary.....	Pendleton
Billings, Harriet.....	Portland	McNicholl, Mary.....	Seattle, Wash.
Bissell, Velma T.....	Eugene	Menoret, Jeanne.....	Portland
Botkin, Norma Jean.....	Castle Rock, Wash.	Mortensen, Mrs. Bessie.....	Eugene
Bowman, Nellie.....	Whitehall, Mont.	Muzzy, Verna R.....	Baker
Bryn, Arlena.....	Aloha, Wash.	Pearce, Patricia.....	Portland
Brunn, Shirley.....	Roseburg	Porter, Katrine.....	Long Creek
Childress, Betty.....	Central Point	Ragle, Elizabeth.....	Baker
Church, Myrtle.....	Portland	Rayburn, Berniece.....	La Grande
Covert, Emily.....	Billings, Mont.	Richards, Patricia.....	Stanfield
Cowie, Ila.....	Orchards, Wash.	Rieger, Gertrude.....	Clinton, Iowa
Evans, Ethel M.....	Portland	Rudesill, Leona.....	Seaside
Fagan, Florence.....	McMinnville	Schwindt, Frances.....	Scio
Feik, Dora Jane.....	La Grande	Sister Anne of Sacred Heart.....	Vancouver, B. C.
Felt, Gladys.....	Burns	Smith, Elizabeth J.....	Portland
Gianelli, Mary.....	Pendleton	Terusaki, Mary.....	Milwaukie
Gish, Rose.....	Portland	Timmons, Bertha.....	Portland
Greener, Norma.....	La Grande	Todd, Mary.....	Coquille
Guyton, Marian W.....	Willamette	Van Dyk, Rita.....	Lewiston, Idaho
Hanby, Verna.....	Baker	Wakefield, Hazel.....	Corvallis
Harsin, Helen.....	Pondosa	Williams, Theda.....	Portland
Havnar, Loretta.....	Klickitat, Wash.	Workman, LaVerne.....	Pacific City
Henderson, Mabel.....	Bend		
Hiatt, M. Jean.....	Portland		

## DEGREE STUDENTS (Graduate Nurses)

Baer, Eleanor.....	Portland	Lish, Esther.....	The Dalles
Bloom, Alyce.....	Portland	Moreland, Aileen.....	Pendleton
Dunnigan, Margaret.....	Sandpoint, Idaho	Ricketts, Phyllis.....	Portland
Fisher, Helen.....	Portland	Robins, Alice.....	Portland
Granberg, Margaret.....	Portland	Smith, M. Helen.....	Portland
Harrington, Hallie.....	Eugene	Stumberg, Margaret.....	Portland
Harris, Thelma.....	Milwaukie	Turner, Mary E.....	Eugene
Kezer, Agnes.....	San Francisco, Cal.	Webster, Catherine.....	Portland

## SPECIAL STUDENTS

Allen, Mildred M.....	Portland	Halvorsen, Mildred.....	Salem
Bratton, Grace.....	Spokane, Wash.	Palmer, Dorwin L.....	Portland
Kay, Nellie.....	Spokane, Wash.		

# Summary of Enrollment and Degrees

1940-41

## SUMMARY OF ENROLLMENT, MEDICAL SCHOOL, 1940-41

	Men	Women	Total
First Year .....	72	1	73
Second Year .....	55	1	56
Third Year .....	54	2	56
Fourth Year .....	61	2	63
<b>Total, Regular Students .....</b>	<b>242</b>	<b>6</b>	<b>248</b>
Graduate .....	11	10	21
Special and Auditors .....	1	4	5
<b>Total .....</b>	<b>253</b>	<b>21</b>	<b>274</b>

## SUMMARY OF ENROLLMENT, NURSING EDUCATION, 1940-41

Advanced Students .....	49
Degree Students .....	104
Special and Auditors .....	123
<b>Total .....</b>	<b>276</b>

## SUMMARY OF ENROLLMENT, SUMMER COURSE IN NURSING, 1940

Advanced Certificate Students .....	51
Students in Hospitals Schools .....	91
Degree Students (Graduate Nurses) .....	16
Special and Auditors .....	5
<b>Total .....</b>	<b>163</b>

## SUMMARY OF DEGREES AND CERTIFICATES GRANTED

<b>Medicine*</b>	
Doctor of Medicine .....	62
Master of Arts .....	8
<b>Nursing Education†</b>	
Bachelor of Arts .....	6
Bachelor of Science .....	18
Certificate in Public Health Nursing .....	49
Certificate in Obstetrical Nursing .....	3
Certificate in Orthopaedic Nursing .....	1
Certificate in Nursing Supervision .....	2
Certificate in Surgical 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.

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

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 Allen, W. F., 11, 19  
 Amerata, Eugenia, 23  
 Anderson, R. F., 11  
 Ashley, Carl, 18, 34  
 Ashworth, Clarice, 20  
 Aumann, K. W., 13  
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 Averill, Harold, 14  
 Babson, Gorham, 18  
 Bailey, Paul, 17  
 Bain, N. M., 15  
 Baird, D. W. E., 11, 13, 19,  
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 Ballard, F. L., 7  
 Banks, R. F., 15  
 Beattie, Canfield, 17, 55  
 Beeman, J. A., 12  
 Begg, R. E., 23  
 Belknap, W. H., 17  
 Bellinger, G. C., 22  
 Benson, R. L., 13  
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 Berger, E. H., 13, 34  
 Bettman, A. G., 16  
 Bilderback, J. B., 18, 19, 20,  
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 Bisailon, Marr, 13, 22  
 Bissett, R. A., 16  
 Bitar, Emmanuel, 12  
 Black, W. W., 16  
 Blair, H. C., 16  
 Blatchford, R. C., 18  
 Bloom, Alyce, 23  
 Blosser, H. L., 18  
 Bollam, D. C., 16  
 Bolton, W. M., 17  
 Bork, H. A., 7  
 Bouvy, H. M., 17  
 Boyden, G. L., 17  
 Boyer, C. V., 7  
 Bozorth, S. S., 17  
 Bradford, Lois, 23  
 Brand, C. A., 6  
 Brandon, S. A., 15  
 Bridgeman, M. L., 18  
 Brill, I. C., 13  
 Brodie, F. W., 34  
 Brooke, B. R., 16  
 Browning, A. J., 17  
 Brunkow, C. W., 16  
 Bryan, R. W., 13  
 Bueerman, W. H., 16  
 Burget, W. M., 12  
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