

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



**University of Oregon**  
**School of Medicine**  
**Catalog 1933-34**

Portland, Oregon

UNIVERSITY OF OREGON  
SCHOOL OF MEDICINE

CATALOG  
1933-34



PORTLAND, OREGON

(Issued August, 1933)

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BULLETIN**

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## Oregon State System of Higher Education

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

The institutions comprising the state system of higher education include the University of Oregon at Eugene, Oregon State Agricultural College at Corvallis, the University of Oregon Medical School at Portland, the Oregon Normal School at Monmouth, the Southern Oregon Normal School at Ashland and the Eastern Oregon Normal School at La Grande.

Except at the Medical School, which is on a graduate basis, each institution provides the general and disciplinary studies essential to a well-rounded education. At the three normal schools these general studies are combined with professional training in two-year curricula. At the University and the State College, however, opportunity is provided for full two years of unspecialized lower division work in liberal arts and sciences.

Beyond the lower division level the work of the two institutions is distinctly differentiated. At the University are centered the advanced work in arts, letters, and social sciences, and the professional schools most closely related to these fundamental fields of knowledge. At the State College are centered the advanced work in the physical and biological sciences and the technical and professional schools resting essentially on these natural sciences.

# Oregon State System of Higher Education

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Each dean and director in the foregoing list is interinstitutional in function, being responsible for all work in his field wherever offered throughout the system. Deans and directors whose responsibilities are for a single campus only are listed under University administrative and service divisions.



1 9 3 3

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

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

October

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
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November

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19	20	21	22	23	24	25
26	27	28	29	30	....	....

December

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17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	....	....	....	....	....	....

First Term

October 2, *Monday*.....Examination for removal of conditions

October 3, *Tuesday*.....Registration

October 4, *Wednesday*.....Instruction Begins

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

November 30, *Thursday*.....Thanksgiving Day, a holiday

December 20, 21, 22, *Wednesday, Thursday, Friday*. ....Term examinations for all students.

December 23 to January 1.....Christmas vacation

Second Term

January 2, *Tuesday*.....Registration

January 3, *Wednesday*.....Instruction Begins

February 22, *Thursday*.....Washington's Birthday, a holiday.

March 19, 20, 21, *Monday, Tuesday, Wednesday*.....Term examinations for all students

MEDICAL SCHOOL

Third Term

March 24, *Saturday*.....Registration

March 26, *Monday*.....Instruction begins

May 30, *Wednesday*.....Memorial day,  
a holiday.

June 7, 8, 9, *Thursday, Friday, Saturday*.....  
Term examinations for all students.

June 11, *Monday*. ....Commencement at Eugene

1934-35

October 2, 1934, *Tuesday*.....Registration Day



1934

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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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	....	....	....

March

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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

April

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

May

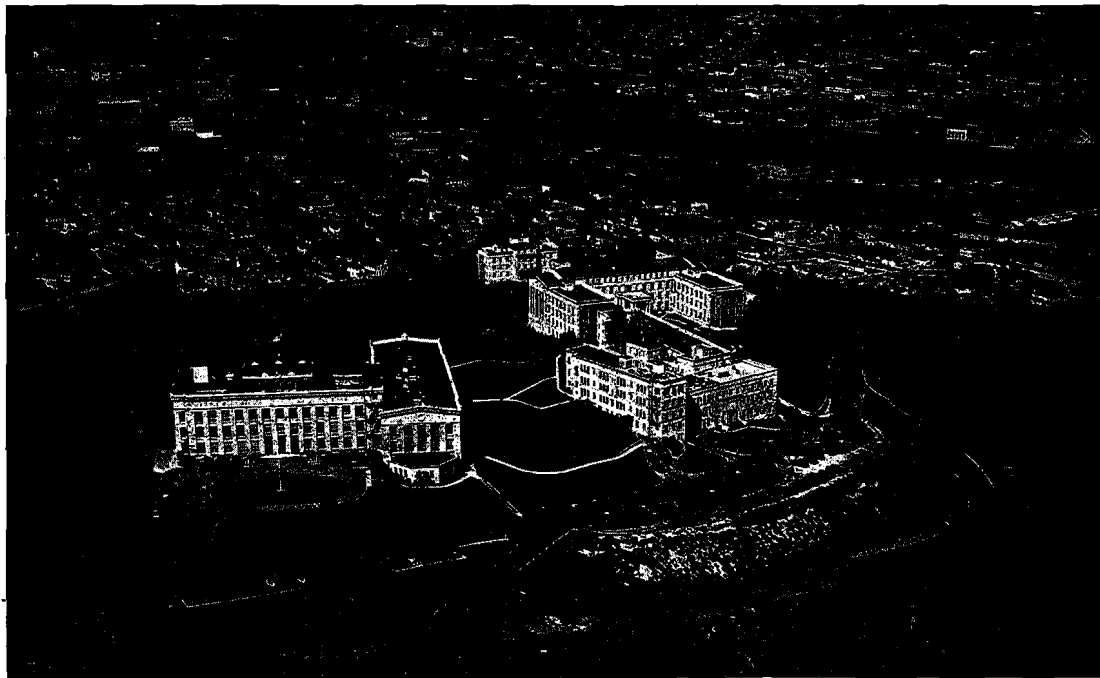
S	M	T	W	T	F	S
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	....	....

June

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



Aerial view of Medical School campus. (1) Medical School building (on left). (2) Doernbecher Memorial Hospital for Children (first building on right). (3) Outpatient Clinic (joining Children's Hospital and Multnomah Hospital). (4) Multnomah County Hospital. (5) Nurses' Home (in the background).

# School of Medicine

## Faculty

RICHARD BENJAMIN DILLEHUNT, M. D., Dean of the Medical School.  
HAROLD BUNCE MYERS, M.D., Associate Dean of the Medical School.  
HARRY R. CLIFF, M.D., Director, Multnomah County Hospital.  
RALF COUCH, A.B., Secretary of the Medical School.  
LUCY IDA DAVIS, Registrar of the Medical School.  
BERTHA BRANDON HALLAM, B.A., Librarian of the Medical School.

JOHN FOREST DICKSON, M.D., L.R.C.P., Emeritus Professor of Ophthalmology.  
JOHN EARL ELSE, M.D., F.A.C.S., Emeritus Professor of Surgery.  
ANDREW JACKSON GIESY, M.D., Emeritus Professor of Clinical Gynecology.  
SIMEON EDWARD JOSEPH, M.D., LL.D., Dean Emeritus and Emeritus Professor of Nervous and Mental Diseases.  
JAMES CHARLES ELLIOTT KING, M.D., Emeritus Professor of Dermatology.  
EDMOND JOHN LABBE, M.D., Emeritus Professor of Obstetrics.  
GEORGE FLANDERS WILSON, M.D., Emeritus Professor of Surgery.

### *Basic Science Departments*

#### ANATOMY

WILLIAM FITCH ALLEN, Ph.D., Professor of Anatomy; Head of Department.  
OLOF LARSELL, Ph.D., Professor of Anatomy.  
WILMOT C. FOSTER, M.D., Associate in Anatomy.  
JON VIDALIN STRAUMFJORD, M.D., Associate in Anatomy.  
ROBERT S. DOW, B.S., Student Assistant in Anatomy.  
MAE BLACKLER MITCHELSON, Technician in Anatomy.

#### BACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

HARRY JOHNSON SEARS, Ph.D., Professor of Bacteriology and Hygiene; Head of Department.  
WILLIAM LEVIN, Dr. P. H., Instructor in Bacteriology.  
WILLIAM KENNETH LIVINGSTON, M.D., Clinical Associate in Surgery; Instructor in Parasitology.  
FREDERICK DAVID STRICKER, M.D., Lecturer in Public Health and Medical Jurisprudence.  
MARTHA ROHNER, B.A., Student Assistant in Bacteriology.  
HUBERT A. HICKEY, Technician in Bacteriology.

#### BIOCHEMISTRY

HOWARD DAVIS HASKINS, M.D., Professor of Biochemistry; Head of Department.  
EDWIN EUGENE OSGOOD, M.D., Assistant Professor of Biochemistry and Medicine.

SAMUEL B. OSGOOD, B.S., Student Instructor in Biochemistry.  
 JOHN M. RAMAGE, Student Assistant in Biochemistry.  
 ALOIS TEDISCH, Technician in Biochemistry.

#### PATHOLOGY

FRANK RAYMOND MENNE, M.D., Professor of Pathology; Head of Department.  
 ROBERT LOUIS BENSON, M.D., Clinical Professor of Pathology.  
 WARREN CLAIR HUNTER, M.D., Assistant Professor of Pathology.  
 KARL HENRY MARTZLOFF, M.D., Clinical Associate in Surgery; Instructor in Surgical Pathology.  
 WILLIAM MILES WILSON, M.D., Clinical Associate in Obstetrics; Instructor in Gynecological Pathology.  
 THOMAS DUNCAN ROBERTSON, M.D., Clinical Instructor in Pathology.  
 HENRY HADLEY DIXON, M.D., Associate Clinical Professor of Neuropsychiatry.  
 ARTHUR JOHN McLEAN, M.D., Clinical Instructor in Surgery and Neuropsychiatry.  
 CHARLES HENRY MANLOVE, M.D., Clinical Instructor in Surgical Pathology.  
 JOHN C. ADAMS, M.D., Clinical Instructor in Obstetrical Pathology.  
 GEORGE A. C. SNYDER, B.A., Student Assistant in Pathology.  
 DAVID G. MASON, B.A., Student Assistant in Pathology.  
 ARTHUR L. ROGERS, B.A., Noble Wiley Jones Fellow in Pathology.  
 PAULINE B. LAIRD, Stenographer in Pathology.  
 WANDA TEMPLETON, Technician in Pathology.  
 LILLIAN EKSTROM, Technician in Pathology.  
 HENRY SAXRUD, Museum Technician in Pathology.

#### PHARMACOLOGY

HAROLD BUNCE MYERS, M.D., Professor of Pharmacology; Head of Department.  
 LEE WASHINGTON DICKINSON, M.D., Instructor in Pharmacology.  
 ALOIS TEDISCH, Technician in Pharmacology.

#### PHYSIOLOGY

GEORGE EMANUEL BURGET, Ph.D., Professor of Physiology; Head of Department.  
 IRA ALBERT MANVILLE, M.D., Associate in Physiology.  
 CARLETON PARISH PYNN, M.D., Instructor in Physiology; Clinical Instructor in Medicine.  
 PHILIP H. MOORE, M.A., Student Assistant in Physiology.  
 WERNER E. ZELLER, B.S., Student Assistant in Physiology.  
 JACK GRONDAHL, Technician in Physiology.

#### MILITARY SCIENCE AND TACTICS

HOWARD C. MOORE, M.D., Major, Medical Corps, U.S.A., Professor of Military Science and Tactics.

### *Clinical Departments*

#### MEDICINE

##### *Internal Medicine*

LAURENCE SELLING, M.D., Clinical Professor of Medicine; Head of Department.

NOBLE WILEY JONES, M.D., Clinical Professor of Medicine.  
THOMAS HOMER COFFEN, M.D., Clinical Professor of Medicine.  
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CHARLES EDWIN SEARS, M.D., Associate Clinical Professor of Medicine.  
RALPH CHARLES MATSON, M.D., Associate Clinical Professor of Medicine.  
ARTHUR WILLIAM CHANCE, M.D., Associate Clinical Professor of Dental Medicine.  
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RAY WILLIAM MATSON, M.D., Assistant Clinical Professor of Medicine.  
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WILLIAM H. THAYER, M.D., Clinical Instructor in Medicine.  
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SAMUEL HOWARD WISE, M.D., Clinical Instructor in Medicine.

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 ROLAND ALLEN, M.D., Clinical Instructor in Medicine.  
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 NAVARRE DUNN, M.D., Resident in Medicine.  
 WILLIAM B. HANDFORD, M.D., Resident in Medicine.  
 FRANCES M. CROKER, Dietitian.

*Nervous and Mental Diseases*

LAURENCE SELLING, M.D., Clinical Professor of Medicine.  
 MERL L. MARGASON, M.D., Clinical Associate in Medicine.  
 MURRAY MORRIS LEVY, M.D., Clinical Instructor in Medicine.  
 WILLIAM PANTON, M.D., Clinical Instructor in Medicine.

*Psychiatry*

HENRY HADLEY DIXON, M.D., Associate Clinical Professor of Neuropsychiatry.  
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 DEWITT CLINTON BURKES, M.D., Clinical Associate in Medicine.  
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*Dermatology and Syphilology*

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 ROBERT LINDSAY McARTHUR, M.D., Clinical Instructor in Obstetrics, Syphilology and Urology.  
 WILLIAM FRANCIS BECK, M.D., Clinical Instructor in Syphilology and Urology.  
 T. A. DAVIS, M.D., Clinical Instructor in Syphilology.  
 T. D. LEE, M.D., Clinical Instructor in Syphilology.

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DORWIN LEWIS PALMER, M.D.; Clinical Associate in Radiology; Chairman of the Division.  
 FRANK ERNEST BUTLER, M.D., Clinical Associate in Radiology.  
 SHERMAN ENOS REES, M.D., Clinical Instructor in Radiology.  
 IVAN MEDHURST WOOLLEY, M.D., Clinical Instructor in Radiology.  
 KENNETH PARKER LANCEFIELD, M.D., Clinical Instructor in Radiology.  
 R. WALTER JOHNSON, Technical Assistant in Radiology.

*Dental Medicine*

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FRANK LUTZ, D.M.D., Clinical Instructor in Dental Medicine.

R. P. LEROY, D.M.D., Clinical Instructor in Dental Medicine.

EVERETT E. HAGAN, D.M.D., Clinical Instructor in Dental Medicine.

JOSEPH L. PARKER, D.M.D., Clinical Instructor in Dental Medicine.

## SURGERY

*General Surgery*

RICHARD BENJAMIN DILLEHUNT, M.D., Clinical Professor of Surgery.

ROBERT CALVIN COFFEY, M.D., F.A.C.S., Clinical Professor of Surgery.

WILLIAM BURROUGHS HOLBEN, M.D., F.A.C.S., Clinical Professor of Surgery.

OTIS FRANKLIN AKIN, M.D., Associate Clinical Professor of Surgery.

THOMAS MARTIN JOYCE, M.D., F.A.C.S., Associate Clinical Professor of Surgery.

CHARLES RICHARD McCLURE, M.D., Associate Clinical Professor of Surgery.

ERNST AUGUST SOMMER, M.D., Associate Clinical Professor of Surgery.

CHARLES DELOS BODINE, M.D., Assistant Clinical Professor of Surgery.

GEORGE NORMAN PEASE, M.D., Assistant Clinical Professor of Surgery.

EUGENE WATSON ROCKEY, M.D., Assistant Clinical Professor of Surgery.

LOUIS PHAON GAMBEE, M.D., Assistant Clinical Professor of Surgery.

BENJAMIN NEWTON WADE, M.D., Assistant Clinical Professor of Surgery.

WILLIAM KENNETH LIVINGSTON, M.D., Clinical Associate in Surgery; Instructor in Parasitology.

ADALBERT G. BETTMAN, M.D., F.A.C.S., Clinical Associate in Surgery.

HERBERT STRONG NICHOLS, M.D., Clinical Associate in Surgery.

KARL HENRY MARTZLOFF, M.D., Clinical Associate in Surgery; Instructor in Surgical Pathology.

OLIVER MARTIN NISBET, M.D., Associate in Surgery.

OTIS BUCKMINSTER WIGHT, M.D., Assistant Clinical Professor of Gynecology and Instructor in Surgery.

KARL PETERSON MORAN, M.D., Clinical Instructor in Surgery.

CHARLES HENRY MANLOVE, M.D., Clinical Instructor in Surgical Pathology.

BANNER RAYMOND BROOKE, M.D., Clinical Instructor in Surgery.

WILLIAM ELLIOTT SAVAGE, M.D., Clinical Instructor in Surgery.

CLARENCE WILLIAM BRUNKOW, M.D., Clinical Instructor in Surgery.



CLAUDE ALLEN LEWIS, M.D., Clinical Instructor in Surgery.  
 WALTER WRIGHT BLACK, M.D., Clinical Instructor in Surgery.  
 WINFRED HENRY BUERMANN, Ph.D., M.D., Clinical Instructor in Surgery.  
 GORDON BERKELEY LEITCH, M.D., Clinical Instructor in Surgery.  
 LAURIE PAUL LIND, M.D., Clinical Instructor in Surgery.  
 JEROME LEOPOLD HOLZMAN, M.D., Clinical Instructor in Surgery.  
 ARTHUR CARHART JONES, M.D., Clinical Instructor in Surgery.  
 ARTHUR HOLMES JOHNSON, M.D., Clinical Instructor in Surgery.  
 EDWARD ELLIS RIPPEY, M.D., F.A.C.S., Clinical Instructor in Surgery.  
 ROBERT BELL SMALLEY, M.D., Clinical Instructor in Surgery.  
 HAROLD LAVERNE BLOSSER, M.D., Clinical Instructor in Surgery.  
 ARTHUR JOHN MCLEAN, M.D., Clinical Instructor in Surgery and Neuropsychiatry.  
 EUGENE P. OWEN, M.D., Clinical Instructor in Surgery.  
 WILLIAM H. CONE, M.D., Clinical Instructor in Surgery.  
 JAMES E. BUCKLEY, M.D., Clinical Instructor in Surgery.  
 MAURICE M. COLLINGS, M.D., Clinical Instructor in Surgery.  
 GEORGE R. SUCKOW, M.D., Clinical Instructor in Surgery.  
 OTTO GEORGE, M.D., Clinical Instructor in Surgery.  
 ROBERT B. GREENE, M.D., Clinical Instructor in Surgery.  
 J. B. V. BUTLER, M.D., Clinical Instructor in Surgery.  
 WALTER R. KELSEY, M.D., Resident in Surgery.  
 MARIAN HETLESATER, Technician in Surgery.

#### *Orthopaedic Surgery*

RICHARD BENJAMIN DILLEHUNT, M.D., Clinical Professor in Surgery.  
 OTIS FRANKLIN AKIN, LL.B., Associate Clinical Professor of Surgery.  
 CHARLES RICHARD MCCLURE, M.D., Associate Clinical Professor of Surgery.  
 HARRY C. BLAIR, M.D., Clinical Instructor in Surgery.  
 CARL ELMER CARLSON, M.D., Clinical Instructor in Surgery.  
 LEO SHERMAN LUCAS, M.D., Clinical Instructor in Surgery.

#### *Ophthalmology*

FREDERICK ANDREWS KIEHLE, M.D., Clinical Professor of Ophthalmology;  
 Head of Department.  
 IRA EARL GASTON, M.D., Clinical Instructor in Ophthalmology.  
 AUGUSTUS BERTRAM DYKMAN, M.D., Clinical Instructor in Ophthalmology.  
 CLINTON TYNG COOKE, M.D., F.A.C.S., Clinical Instructor in Ophthalmology.  
 HARRY MONROE HENDERSHOTT, M.D., Clinical Instructor in Ophthalmology.  
 ANDREW JOHNSON BROWNING, M.D., Clinical Instructor in Ophthalmology.  
 CANFIELD BEATTIE, M.D., Clinical Instructor in Otolaryngology and Ophthalmology.  
 EDGAR MERLE TAYLOR, M.D., Clinical Instructor in Ophthalmology.  
 WILSON JOHNSTON, M.D., Clinical Instructor in Ophthalmology.  
 WILFORD H. BELKNAP, M.D., Clinical Instructor in Ophthalmology.  
 ERNEST NELSON NEULEN, M.D., Clinical Instructor in Ophthalmology.  
 GEORGE AINSLIE, M.D., Clinical Instructor in Ophthalmology.  
 ALLEN E. KIDD, M.D., Clinical Instructor in Ophthalmology.  
 CLINTON PUGMIRE, M.D., Resident in Ophthalmology.

*Otology, Rhinology, and Laryngology*

- RALPH ALBERT FENTON, M.D., Clinical Professor of Otolaryngology; Head of Department.
- RALPH FERRIEN DAVIS, M.D., Associate Clinical Professor of Otolaryngology.
- CHARLES THOMPSON CHAMBERLAIN, M.D., Associate Clinical Professor of Otolaryngology.
- FRANK B. KISTNER, M.D., Associate Clinical Professor of Otolaryngology.
- HOWARD ERNEST CARRUTH, M.D., Clinical Associate in Otolaryngology.
- HAROLD ROY LUCAS, M.D., Clinical Associate in Otolaryngology.
- IRVING MARTIN LUPTON, M.D., Clinical Associate in Otolaryngology.
- GUY LEE BOYDEN, M.D., Clinical Associate in Otolaryngology.
- LESTER TALLMON JONES, M.D., Clinical Instructor in Otolaryngology.
- PAUL TALMAGE NEELY, M.D., Clinical Instructor in Otolaryngology.
- CHARLES LEMERY, M.D., Clinical Instructor in Otolaryngology.
- PAUL BAILEY, M.D., Clinical Instructor in Otolaryngology.
- WILBUR M. BOLTON, M.D., Clinical Instructor in Otolaryngology.
- HARRISON DOUGLAS HUGGINS, M.D., Clinical Instructor in Otolaryngology.
- CANFIELD BEATTIE, M.D., Clinical Instructor in Otolaryngology and Ophthalmology.
- LEO HARRY SCHATZ, M.D., Clinical Instructor in Otolaryngology.
- MAX SIMONS, M.D., Clinical Instructor in Otolaryngology.
- SQUIRE BOZARTH, M.D., Clinical Instructor in Otolaryngology.
- JOHN BURKE FLYNN, M.D., Clinical Instructor in Otolaryngology.
- GEORGE C. SAUNDERS, M.D., Clinical Instructor in Otolaryngology.
- MILTON B. STEINER, M.D., Clinical Instructor in Otolaryngology.
- VICTOR A. ADIX, M.D., Resident in Otolaryngology.

*Urology*

- ALBERT EDWARD MACKAY, M.D.C.M., F.A.C.S., Professor of Urology; Head of Department.
- HENRY WELLAND HOWARD, M.D., Assistant Clinical Professor of Urology.
- FRANKLIN PARADISE JOHNSON, Ph.D., M.D., Assistant Clinical Professor of Urology.
- JOHN GUY STROHM, M.D., Assistant Clinical Professor of Syphilology and Instructor in Urology.
- F. FLOYD SOUTH, M.D., Clinical Instructor in Urology.
- ELMER EVERETT ANDERSON, M.D., Clinical Instructor in Urology.
- WILLIAM MARTIN MARBUT, M.D., Clinical Instructor in Syphilology and Urology.
- ERNEST JOSEPH NITSCHKE, M.D., Clinical Instructor in Urology.
- JACOB J. ENKELIS, M.D., Clinical Instructor in Urology.
- MARTIN SIGMUND SICHEL, M.D., Clinical Instructor in Syphilology and Urology.
- JOHN GARDNER CHEETHAM, M.D., Clinical Instructor in Urology.
- HOBART DEAN BELKNAP, M.D., Clinical Instructor in Urology.
- ROBERT LINDSAY McARTHUR, M.D., Clinical Instructor in Obstetrics, Syphilology, and Urology.
- WILLIAM FRANCIS BECK, M.D., Clinical Instructor in Syphilology and Urology.
- GEORGE K. ARMEN, M.D., Clinical Instructor in Urology.

*Obstetrics and Gynecology*

- RAYMOND EDWARD WATKINS, M.D., F.A.C.S., Clinical Professor of Obstetrics and Gynecology; Head of Department.  
 FRANK RAYMOND MENNE, M.D., Professor of Gynecological Pathology.  
 ALBERT MATHIEU, M.D., Clinical Associate in Gynecology.  
 THEODORE WRIGHT ADAMS, M.D., Clinical Associate in Gynecology and Obstetrics.  
 VIRGIL E. DUDMAN, Clinical Associate in Gynecology; Assistant Clinical Professor in Obstetrics.  
 GOODRICH CAPEN SCHAUFFLER, M.D., Clinical Associate in Gynecology and Obstetrics.  
 ALBERT WILLIAM HOLMAN, M.D., Clinical Associate in Obstetrics and Instructor in Gynecology.  
 EUGENE PHILLIS STEINMETZ, M.D., Assistant Clinical Professor of Obstetrics; Instructor in Gynecology.  
 EDWIN EPHREM GAMBEE, M.D., Clinical Instructor in Obstetrics.  
 ROBERT LINDSAY MCARTHUR, M.D., Clinical Instructor in Obstetrics, Syphilology and Urology.  
 WILLIAM PATRICK SHARKEY, M.D., Clinical Instructor in Obstetrics and Gynecology.  
 HOWARD CECIL STEARNS, M.D., Clinical Instructor in Gynecology and Obstetrics.  
 WILLIAM MILES WILSON, M.D., Clinical Associate in Obstetrics; Instructor in Gynecological Pathology.  
 JOHN C. ADAMS, M.D., Clinical Instructor in Obstetrical Pathology.  
 WILLARD STONE, M.D., Resident in Obstetrics and Gynecology.  
 HARRY J. MACKEY, M.D., Resident in Obstetrics and Gynecology.  
 J. D. KINDSCHI, M.D., Resident in Obstetrics and Gynecology.  
 LILA TIMM, Technician.

## PEDIATRICS

- JOSEPH B. BILDERBACK, M.D., Professor of Pediatrics; Head of Department.  
 JAMES WENDEL ROSENFELD, M.D., Associate Clinical Professor of Pediatrics.  
 LENDON HOWARD SMITH, M.D., Associate Clinical Professor of Pediatrics.  
 MORRIS LOUIS BRIDGEMAN, M.D., Clinical Instructor in Pediatrics.  
 SAMUEL GEORGE HENRICKE, M.D., Clinical Instructor in Pediatrics.  
 CARL G. ASHLEY, M.D., Resident in Pediatrics.  
 EDGAR E. WRIGHTMAN, JR., M.D., Resident in Pediatrics.

*Medical Research*

- DELMAR MITCHELSON, B.A., Student Research Assistant in Anatomy.  
 MERRELL A. SISSON, B.A., Student Research Assistant in Anatomy.  
 NEIL F. BLACK, B.S., Student Research Assistant in Bacteriology.  
 LEO SCHNEIDER, B.S., Student Research Assistant in Biochemistry.  
 ALLAN R. PALMER, B.A., Student Research Assistant in Gynecology and Pathology.  
 RUSSEL L. BAKER, B.A., Student Research Assistant in Medicine.  
 JOSEPH A. BEEMAN, Student Research Assistant in Pathology.  
 ORVILLE N. JONES, B.A., Student Research Assistant in Pathology.  
 GEORGE H. SCHADE, B.A., Student Research Assistant in Pharmacology.

ELDON G. CHUINARD, B.A., Student Research Assistant in Physiology.  
 WILLIAM CUTTS, B.S., Student Research Assistant in Physiology.  
 ROBERT W. LLOYD, M.A., Student Research Assistant in Physiology.  
 FRITZI CHUINARD, B.A., Technician, Nutritional Research Laboratory.  
 AVOCA MCMINIS, Research Assistant in Physiology.  
 EDWARD S. MORGAN, B.A., Student Research Assistant in Surgery.

CHARLES ULYSSES MOORE, M.D., Director of Nutritional Research Laboratory.  
 FRITZI CHUINARD, B.A., Technician, Nutritional Research Laboratory.

CLARICE ASHWORTH, Medical Illustrator.

### *School of Medicine*

#### EXECUTIVE FACULTY OF THE MEDICAL SCHOOL

William Jasper Kerr, Chancellor of the State System of Higher Education; Richard B. Dillehunt, Dean of the Medical School; Professors William F. Allen, Joseph B. Bildersback, George E. Burget, Harry R. Cliff, J. Earl Else, Ralph A. Fenton, Howard D. Haskins, Frederick A. Kiehle, Lyle B. Kingery, Olof Larsell, Albert Edward Mackay, Frank R. Menne, Harold B. Myers, Harry J. Sears, Laurence Selling, Raymond E. Watkins, Ralf Couch, secretary (ex officio).

#### STANDING COMMITTEES

*Admission and Advanced Standing*—Harold B. Myers (chairman); Olof Larsell; Harry J. Sears; the Registrar of the University (ex officio).

*Curriculum and Schedule*—Harold B. Myers (chairman); James H. Gilbert; George E. Burget; Laurence Selling; T. Homer Coffen; J. Earl Else; Olof Larsell; Harry R. Cliff; the Secretary of the Medical School (ex officio).

*Graduate Work*—Olof Larsell (chairman); George E. Burget; Frank R. Menne.

*Publications and Catalog*—Ralf Couch (chairman); William F. Allen; Harold B. Myers.

*Library*—George E. Burget (chairman); Noble Wiley Jones; William F. Allen; Frank R. Menne; Ernst A. Sommer; the Librarian of the Medical School (ex officio).

*Museums*—Frank R. Menne (chairman); Raymond E. Watkins.

*Research*—William F. Allen (chairman); Frank R. Menne; Harry J. Sears; Olof Larsell; Frank R. Mount; Noble Wiley Jones.

*Representative to Graduate Council*—Olof Larsell.

*Jones Lectureship*—Laurence Selling (chairman); T. Homer Coffen; George E. Burget.

*Students Health*—Harold B. Myers (chairman); T. Homer Coffen; Noble Wiley Jones; Frederick D. Stricker; Howard D. Haskins; Laurence Selling.

*Internships*—Frank R. Menne (chairman); Noble Wiley Jones; Ralf Couch.

*Henry Waldo Coe Prize*—George E. Burget (chairman); Harry J. Sears; Laurence Selling.

*Committee on Drugs, Outpatient Clinic*—Harold B. Myers (chairman); James Rosenfeld; Karl H. Martzloff; Frank Mount; John Labadie.

### *Administrative and Service Divisions*

#### ADMINISTRATION

RICHARD BENJAMIN DILLEHUNT, M.D., Dean and Director of Medicine.  
 HAROLD BUNCE MYERS, M.D., Associate Dean of the Medical School.  
 HARRY R. CLIFF, M.D., Director, Multnomah County Hospital.  
 RALF COUCH, A.B., Secretary of the Medical School.

## REGISTRAR'S OFFICE

LUCY I. DAVIS, Registrar.  
 DOROTHY E. TUCKER, Office Assistant.  
 GLENNA FISHER, Office Assistant.

## LIBRARY

BERTHA BRANDON HALLAM, B.A., Librarian of the Medical School.  
 GRACE LEDBETTER, Assistant Librarian.  
 ALICE HOCHÉ, Assistant Librarian.  
 JOHN D. McLAREN, M.D., Assistant in Library.

## BUSINESS OFFICE

RALF COUCH, A.B., Manager.  
 MARGUERITE HENDERSHOT, Cashier-Bookkeeper.  
 MARTHA REIS, Assistant Cashier-Bookkeeper.  
 ALICE STRELLMAN, Clerk in Office.  
 HAZEL LYNCH, Clerk in Office.  
 ERMA G. ROBSON, Office Assistant.

## TELEPHONE EXCHANGE

IDA B. LUKE, Telephone Operator.  
 NORAH DOBBS, Telephone Operator.

## BUILDINGS AND GROUNDS

WREN ELTON GAINES, Superintendent of Buildings and Grounds.

*Outpatient Clinic*

RICHARD BENJAMIN DILLEHUNT, M.D., Dean of the Medical School.  
 RALF COUCH, A.B., Superintendent.  
 VALENTINE PRICHARD, Assistant Superintendent.  
 EDWIN E. OSGOOD, M.D., Director of Laboratory.  
 R. WALTER JOHNSON, Chief X-Ray Technician.  
 AMELIA FEARY, Director of Social Service.  
 MARY E. STARKWEATHER, Head Nurse.  
 JEAN COLLINGS, Physiotherapist.  
 JAMES C. SHIRLEY, Pharmacist.  
 ETTA MCOMBER, Admitting Officer.  
 ELIZABETH DONALD, Admitting Clerk.  
 CORINNE BURNAUGH, Registrar.  
 LAURA B. MARTIN, Record Librarian.  
 BERTHA DAVIS, Investigator.  
 ANNA MURPHY, Social Service Visitor and Clinic Clerk.  
 UTHA V. OSTREICH, Clerk in Social Service.  
 ALICE STOW, Record Clerk.  
 CATHARINE FOSTER, Record Clerk.  
 MABLE WILHELM, Technician.  
 JANE GOODWIN, Technician.  
 MARIE STRUBE, Technician.  
 LEONARD MORLEY, Technician.  
 KENNETH PETERSON, Assistant Technician.

JOHANNA EGGERS, Obstetrical Nurse.  
AGNES T. MOFFATT, Obstetrical Nurse.  
JOSEPHINE SULLIVAN, Nurse.  
MARIAN PARSELL, Nurse.  
FRANCES M. CROKER, Dietitian.  
HAZEL RAGAIN, Clinic Clerk.  
MARIAN HETLESATER, Clinic Clerk.  
LILA TIMM, Clinic Clerk.  
KATHLEEN KOPETSKY, Clinic Clerk.  
EUNICE CLARK, Clinic Clerk.

*Doernbecher Memorial Hospital for Children*

ADMINISTRATIVE BOARD

RICHARD BENJAMIN DILLEHUNT, M.D., Dean of the Medical School.  
JOSEPH B. BILDERBACK, M.D., Head of the Department of Pediatrics of the  
Medical School.  
GRACE PHELPS, R.N., Superintendent.

HOSPITAL STAFF

JOSEPH B. BILDERBACK, M.D., Physician in Chief.  
GRACE PHELPS, R.N., Superintendent.  
CARL G. ASHLEY, M.D., Resident Physician.

*Attending Staff*

JOSEPH B. BILDERBACK, Attending Physician in Pediatrics.  
L. HOWARD SMITH, Attending Physician in Pediatrics.  
JAMES W. ROSENFELD, Attending Physician in Pediatrics.  
J. EARL ELSE, Attending Physician in Surgery.  
CLARENCE W. BRUNKOW, Attending Physician in Surgery.  
KARL P. MORAN, Attending Physician in Surgery.  
WINFRED HENRY BUEERMANN, Attending Physician in Surgery.  
RICHARD BENJAMIN DILLEHUNT, Attending Physician in Orthopaedic Surgery.  
CHARLES R. MCCLURE, Attending Physician in Orthopaedic Surgery.  
OTIS F. AKIN, Attending Physician in Orthopaedic Surgery.  
FREDERICK A. KIEHLE, Attending Physician in Ophthalmology.  
AUGUSTUS B. DYKMAN, Attending Physician in Ophthalmology.  
HARRY M. HENDERSHOTT, Attending Physician in Ophthalmology.  
ANDREW J. BROWNING, Attending Physician in Ophthalmology.  
RALPH A. FENTON, Attending Physician in Otolaryngology.  
RALPH F. DAVIS, Attending Physician in Otolaryngology.  
FRANK B. KISTNER, Attending Physician in Otolaryngology.  
CHARLES T. CHAMBERLAIN, Attending Physician in Otolaryngology.  
LYLE B. KINGERY, Attending Physician in Dermatology.  
LAURENCE SELLING, Attending Physician in Neurology.  
FRANK E. BUTLER, Attending Physician in Radiology.  
ROBERT I. BENSON, Attending Physician in Pathology.  
FRANK RAYMOND MENNE, Attending Physician in Pathology.  
HARRY JOHNSON SEARS, Attending Physician in Bacteriology.  
HOWARD D. HASKINS, Attending Physician in Biochemistry.

HAROLD BUNCE MYERS, Attending Physician in Pharmacology.  
 GEORGE E. BURGET, Attending Physician in Physiology.  
 ARTHUR W. CHANCE, Attending Physician in Dentistry.

*Associate Staff*

MORRIS L. BRIDGEMAN, Associate Physician in Pediatrics.  
 SAMUEL G. HENDRICKE, Associate Physician in Pediatrics.  
 ADOLPH E. GOURDEAU, Associate Physician in Pediatrics.  
 HELEN G. DENNIS, Associate Physician in Pediatrics.  
 LOUIS P. GAMBEE, Associate Physician in Surgery.  
 A. G. BETTMAN, Associate Physician in Surgery.  
 LEO S. LUCAS, Associate Physician in Orthopaedic Surgery.  
 HARRY C. BLAIR, Associate in Orthopaedic Surgery.  
 C. ELMER CARLSON, Associate Physician in Orthopaedic Surgery.  
 E. MERLE TAYLOR, Associate Physician in Ophthalmology.  
 IRVING M. LUPTON, Associate Physician in Otolaryngology.  
 GUY L. BOYDEN, Associate Physician in Otolaryngology.  
 CANFIELD BEATTIE, Associate Physician in Otolaryngology.  
 PAUL BAILEY, Associate Physician in Otolaryngology.  
 WILFORD H. BELKNAP, Associate Physician in Otolaryngology.  
 WILBUR M. BOLTON, Associate Physician in Otolaryngology.  
 MILTON B. STEINER, Associate Physician in Otolaryngology.  
 WARREN C. HUNTER, Associate Physician in Pathology.

*Consulting Staff*

NOBLE WILEY JONES, Consulting Physician in Pediatrics.  
 T. HOMER COFFEN, Consulting Physician in Pediatrics.  
 CHARLES E. SEARS, Consulting Physician in Pediatrics.  
 ARTHUR S. ROSENFELD, Consulting Physician in Pediatrics.  
 EDMOND J. LABBE, Consulting Physician in Pediatrics.  
 WILLIAM S. KNOX, Consulting Physician in Pediatrics.  
 ROBERT C. COFFEY, Consulting Physician in Surgery.  
 E. W. MORSE, Consulting Physician in Surgery.  
 PAUL ROCKEY, Consulting Physician in Surgery.  
 EUGENE W. ROCKEY, Consulting Physician in Surgery.  
 WILLIAM B. HOLDEN, Consulting Physician in Surgery.  
 THOMAS M. JOYCE, Consulting Physician in Surgery.  
 J. E. WEEKS, Consulting Physician in Ophthalmology.  
 CLINTON T. COOKE, Consulting Physician in Ophthalmology.

*Administrative Staff*

GRACE PHELPS, R.N., Superintendent.  
 CORAH V. LUND, Superintendent of Nurses.  
 RALF COUCH, Financial Secretary.  
 LAURA MARTIN, Record Librarian.  
 MARGARET HAMILL, Supervisor.  
 VISA OLESON, Supervisor.  
 ARLIE MOORE, Supervisor.  
 MABEL McELLIGOTT, Supervisor and Anesthetist.  
 DOROTHY KEANE, Dietitian.  
 JOSEPHINE BENNETT, Supervisor.

## Organization and Facilities

**E**STABLISHED by a charter from the regents of the University in 1887, the University of Oregon Medical School has been in continuous operation since that time. On September 1, 1913, the Willamette University department of medicine was merged with the University of Oregon Medical School, the former retiring permanently from the field of medical education, leaving the latter the sole medical school in the Pacific Northwest. Under the terms of the merger, the students of 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.

### Location

**P**ORTLAND (population 301,815), 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. Beautiful homes, parks, and boulevards, surrounding mountains, notably Mount Hood which towers on its southeastern horizon, and an equable climate make it an exceptionally desirable place for study. 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 opportunity for medical study.

### The Campus

**P**RIOR to 1919 the Medical School was housed in a three-story frame building at Twenty-third and Lovejoy streets near Good Samaritan Hospital. In the spring of 1914 a tract of twenty acres was deeded to the regents of the University by the Oregon-Washington Railroad and Navigation Company as a campus for future development by the University of a center of medical teaching and research. The campus was enlarged in 1924 by the addition of an adjoining tract of eighty-eight acres, a gift of Mrs. C. S. Jackson and Mr. Philip Jackson in behalf and in memory of the late C. S. Jackson. It is named Sam Jackson Park. 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 the county of Multnomah 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 new Veterans' Bureau hospital of three hundred beds.



## Buildings

**The First Medical School Unit** (1919) was made possible by 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, housing the preclinical departments.

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

**The Doernbecher Memorial Hospital for Children** (1926) was made possible by a gift of \$200,000 in 1924 by Mrs. E. W. Morse and Mr. Edward Doernbecher in behalf and in memory of their father, the late F. S. Doernbecher, for the establishment and construction of a children's hospital. This gift was augmented by individual gifts totaling \$120,000. The hospital contains 80 beds for children. Located on the Medical School campus, the hospital 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 hospital affords every facility for teaching and research in the departments of pediatrics and other clinical divisions.

**The Outpatient Clinic** (1931). This unit, adjacent to the Doernbecher Memorial Hospital for Children and the Multnomah County General Hospital, affords teaching facilities for the clinical branches of the Medical School. The building was made possible by a gift from the General Education Board of New York amounting to \$400,000.

## Clinical and Special Facilities

**C**LINICAL facilities are afforded by the Multnomah County Hospital, the Doernbecher Memorial Hospital for Children, the Outpatient Clinic, and the Extramural Clinics.

**Multnomah County Hospital.** The commissioners of Multnomah county accepted the gift of nine acres on the medical school campus and constructed thereon the first unit of the Multnomah County Hospital, which was opened in 1923. The unit, built at a cost of approximately \$1,000,000, embodies the most modern conceptions of a teaching hospital. It accommodates 300 beds and is a general charity hospital. 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 becomes a University official. The director of the hospital appoints the professional staff, seventy-five per cent of whom are appoint-

ed from nomination 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 detail for teaching and research in the departments of pediatrics and other clinical divisions. The Hospital is operated by state appropriations and private donations.

**The Outpatient Clinic** unit of the Medical School joins the Doernbecher Memorial Hospital for Children and the Multnomah County General Hospital, thus unifying admissions, medical records, X-ray, laboratory, social service, and other such special medical services, eliminating duplication, and facilitating the care of patients and the teaching of medical students. Formerly the Outpatient Clinic was situated at Fourth and Jefferson streets as a dispensary founded in 1907 by the People's Institute, a private philanthropic institution. The Portland Free Dispensary became affiliated with the Medical School in 1909. On January 1, 1931, it was merged into the Outpatient Clinic of the University of Oregon Medical School.

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

**Extramural Clinics.** Clinics and ward walks for small classes are conducted in a number of hospitals not situated on the Medical School campus. These classes are held at Good Samaritan Hospital, St. Vincent's Hospital, Portland Surgical Hospital, Emanuel Hospital, Portland Medical Hospital, the Portland Sanitarium, Waverly Baby Home, Albertina Kerr Nursery, Contagious Hospital, and the State Hospital for the Insane.

**Autopsy Service and Pathologic 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, an arrangement that affords approximately 400 autopsies per year and materially augments the museum of pathology, and enables unusual opportunity for teaching in pathology and medical jurisprudence.

The museum, under a curator, has many thousand gross and tissue specimens.

The plan also assures authoritative records for medicolegal purposes.

## Library

**T**HE Medical School library contains more than 18,000 volumes and receives 370 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.

# General Information

## Admission and Requirements

**A** PPLICATION for admission should be made not later than July 1. It is necessary to complete the list of matriculants early in July, making it thereafter impossible to consider applications for admission.

Notice of acceptance of application is accompanied by matriculation card, to be presented on registration day, together with duplicate to be returned not later than ten days following receipt, with matriculation fee of \$5.00 and a deposit of \$20.00, in order 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 August 15.

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 Medical School must include the following:

I. *High School Preparation.* A minimum of fifteen units is required, acceptable toward collegiate matriculation, including the following:

	<i>Units</i>		<i>Units</i>
English .....	3	History .....	1
Algebra .....	1	One foreign language .....	2
Geometry .....	1	Additional in one of foregoing sub-	
Laboratory Science .....	1	jects .....	1
		Elective .....	5

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

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

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

	<i>Term hours</i>
Chemistry, inorganic (qualitative and quantitative may be included)....	15
Chemistry, organic .....	8
Biology .....	20
Physics .....	12
English .....	9
German or French .....	20

The subject-matter considered 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 subdivisions 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 granting credit in either subject 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.

*Recommended Elective Subjects.* The student preparing for medicine is advised to consider carefully a balance in elective preparation between courses in the liberal arts and courses in subjects required for the study of medicine, above the stated minimal amounts. Subjects suggested are: history, economics, sociology, psychology, mathematics, advanced courses in English and literature.

Present facilities necessitate limiting each entering class to sixty. Many more than this number apply for admission. The 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 conducted by the Association of American Medical Colleges at the various premedical institutions. Exceptions to this rule may be allowed in the case of those applicants who, because of legitimate reasons approved by the Committee on Admissions, have been unable to take the test.

*Bachelor's Degree.* Students entering the University of Oregon Medical School without the Bachelor of Arts or Bachelor of Science degree shall become eligible for one of these degrees, either in the University of Oregon or Oregon State College, or in their respective institutions before entering upon the work of the third year in the School of Medicine.

Eligibility for the B.A. or B.S. degree in the University or the State College necessitates completion of 186 term hours including the satisfaction of the Lower Division group requirements and the requirements for a major subject in upper division work.

*Special Students.* Students who are not candidates for the degree of Doctor of Medicine may register in courses in the fundamental laboratory branches for which they are prepared, as special students; and graduates in medicine may register as special students in any course. No matriculants other than graduates in medicine are accepted as special students in clinical subjects. No graduates in medicine are accepted as candidates for the degree of Doctor of Medicine.

Special 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 courses.

*Admission with Advanced Standing.* Students are not accepted for admission with advanced standing unless their official credentials are accompanied by a statement from the registrar to the effect that the applicant has carried his medical school work with scholarship sufficient to give him rank in the upper fifty per cent of his class. An honorable dismissal is required in addition to premedical preparation meeting with the requirements for admission.

**Requirements for Degrees.** The School of Medicine offers M.D., M.A., M.S., and Ph.D. degrees as follows:

*M.D. Degree.* A candidate for the degree of Doctor of Medicine must have completed satisfactorily the curriculum described, or in case of admission with advanced standing, the last year must be taken in this medical school. All candidates for degrees are expected to be present at the commencement exercises and receive the diploma in person.

*M.A., M.S., and Ph.D. Degrees.* The departments of Anatomy, Bacteriology and Hygiene, Biochemistry, Pathology, Pharmacology, and Physiology offer instruction leading to advanced degrees.

## Fees

The regular tuition fees and special fees at the Medical School are as follows:

### REGULAR FEES

Matriculation fee.....	\$5.00
Resident tuition fee.....	\$80.00 a term
Non-resident fee.....	\$20.00 a term (additional)
Tuition fee for graduate students.....	\$16.00

### SPECIAL FEES

Fees for special or summer students.....  
 .....\$4.50 a credit hour, with a minimum of \$10 a term

Diploma fee.....\$6.50

Late registration fee.....\$1.00 to \$5.00

Students registering after the scheduled registration dates 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.

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. The fee is payable at the time of registration and entitles the student to attend classes but not to enjoy other institutional privileges.

Transcript fee.....\$1.00

A fee of \$1.00 is charged for each transcript issued after the first, which is issued free of charge.

### DEPOSITS

\*Breakage deposit—first and second years.....\$15.00

\*Breakage deposit—third and fourth years..... 10.00

### MICROSCOPES AND LOCKERS

Medical students are expected to provide themselves with microscopes. Coat room and laboratory lockers are assigned and a deposit of \$1.00 must be made when a lock is received.

### FEE REFUNDS

Students who withdraw and who have complied with the regulations governing withdrawals will be entitled to certain refunds of fees paid,

\* The cost of any damage done by a student to Medical School property is deducted from his deposit; and in case the identity of the one responsible cannot be established, a pro rata charge is made against the entire class of which he is a member. The remainder of this deposit is returned at the end of each school year.

## REGULATIONS GOVERNING NON-RESIDENT TUITION 29

depending on the time of withdrawal. In no case shall the amount retained by the institution be less than \$5.00. The amounts listed below will be refunded under the conditions indicated.

- (1) Any claim for refund must be made in writing before the close of the term in which said 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 that in the case of a student withdrawing on account of illness refunds shall be calculated from the date of last class attended, provided the claim for refund is accompanied by a certificate from the attending physician.
- (3) If withdrawal is requested after the student's registration has been filed, but before the close of the first week in which classes begin, \$5.00 shall be retained by the institution and any amount paid by the student above \$5.00 shall be refunded.
- (4) If withdrawal is requested after the close of the first week in which classes begin, but before the close of the second week, a refund of three-fourths of the term fees shall be granted.
- (5) If withdrawal is requested after the close of the second week of classes, but before the close of the fourth week, one-half of the term fees shall be refunded.
- (6) If withdrawal is requested after the close of the fourth week of classes, and before the close of the sixth week, one-fourth of the term fees shall be refunded.
- (7) After the close of the sixth week of classes no refunds shall be allowed.

## **REGULATIONS GOVERNING NON-RESIDENT TUITION**

The Oregon State Board of Higher Education has defined a non-resident 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 non-resident 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 non-resident students, with the following exceptions:

- (1) Students whose fathers (or mothers, if the father is not living) are domiciled, as defined under (1) below, in the State of Oregon.
- (2) Children of regular employees of the Federal Government stationed in the State of Oregon.
- (3) Students holding bachelor's or higher degrees from higher educational institutions whose work is acceptable as preparation for graduate work.
- (4) Students in summer sessions.

The Board established the following rules to be observed in determining the resident status of students:

- (1) Residence and domicile are synonymous and domicile shall be considered to be a fixed permanent residence to which, when absent, one has the intention of returning.
- (2) A student entering from another state or country is prima facie a non-resident, and to change this residence the burden of proof is upon the student.
- (3) Residence cannot be changed by mere declaration of intention so to change, and in addition to declaration of intention to change residence, must be supporting fact sufficiently strong to satisfy the authorities that the intention has actually been effected.
- (4) In case of minors, change of residence of parents or legal guardians will be closely examined.
- (5) In case of persons of legal age, such things as residence of parents, or nearest relatives, or wife, or children, or intimate friends to whom one would naturally go in case of illness or other distress, will be considered as factors entering into the matter of intent.
- (6) Actions will be considered as speaking louder than words in determining the weight of evidence, hence less weight will be given to a person's declarations than to his acts.
- (7) The length of time in the state will not alone determine residence.
- (8) Voting residence will not be a determining factor because of the Oregon constitutional provision, Art. II, Sec. 4, providing that a person shall not be held to have gained or lost a residence for the purpose of voting while a student at any institution of learning.
- (9) Two things, namely, (a) actual habitation and (b) intention of remaining, must exist simultaneously, and the intention to remain must be construed to mean remain permanently and not merely during school term or any other equally temporary time. It must be a bona fide permanent residence with no thought of change in the intent or residence when the school period shall have expired.
- (10) A non-resident at the time of his enrollment must be held to that classification throughout his presence as a student except in rare cases where it can be proved that his previous domicile has been abandoned and a new one established independent of the college or his attendance thereon.

## 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:

## Fellowships and Prizes

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. These lectures are presented in conjunction with the annual meetings of the alumni association. The first lectures were given in 1920 by Professor Ludwig Hektoen, professor of pathology of the University of Chicago; the second, in 1921, by Professor William Ophüls, professor of pathology, Leland 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; and the ninth in 1933 by Dr. George H. Whipple, Dean of the University of Rochester Medical School.

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

**Henry Waldo Coe Prize.** This prize is awarded annually to a second-, third-, or fourth-year student in the School of Medicine who shall have presented an essay on a medical subject exhibiting superiority and originality in composition. The amount is represented by the interest on a gift of \$1,000 from the late Dr. Henry Waldo Coe.

**Surgical Essay Prize.** A surgical essay prize is given each year to the fourth-year student writing the best essay on a surgical subject. The presentation is made by Dr. J. Earl Else, Clinical Professor of Surgery.

## Fraternities and Honor Societies

Chapters of the following medical fraternities and honor societies are located at the Medical School:

Alpha Epsilon Iota.  
Alpha Kappa Kappa.  
Nu Sigma Nu.  
Phi Delta Epsilon.  
Theta Kappa Psi.

Alpha Omega Alpha (honorary medical society for both men and women).

## Alumni Association

The Medical School Alumni Association includes the graduates of the Medical School and those of the Willamette University Medical School, 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 the encouragement of scientific and professional progress among its members and 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 1933-34 are:

Dr. Wilford H. Belknap.....	President
Dr. Arthur C. Jones.....	First Vice-President
Dr. John LeCocq (Seattle).....	Second Vice-President
Dr. Earl D. DuBois.....	Third Vice-President
Dr. Russell Keizer (North Bend).....	Fourth Vice-President
Dr. Carl J. Hollingworth.....	Treasurer
Dr. B. A. Van Loan.....	Secretary



## Instruction

**I** NSTRUCTION in the University of Oregon Medical School is organized under the Basic Science departments, comprising those sciences basic to medicine; the Clinical departments, comprising medicine and surgery and the various divisions of each, obstetrics, and pediatrics; and the Nursing Education department (see page 55).

### Curriculum in Medicine

**T** HE curriculum in medicine comprises a total of seven years beyond high school. The first three years, as indicated above, must be satisfactorily completed before admission to the Medical School (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 at 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 Requirements for Admission. In the first, second, third, and fourth years at the Medical School there are 4,279½ hours of required work. In addition to this, 12 term hours must be earned from the list of elective courses offered. 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 in each case. Descriptions of courses are to be found under the several department headings.

Form- er num- ber	Present number	First Year	Aggregate of hours				
			Lec- ture	Lab- ora- tory	Clin- ic	To- tal	Term hours
101	An 411, 412, 413	Anatomy	99	297	—	396	18
102	An 414	Histology	33	99	—	132	6
103	An 415	Embryology	22	66	—	88	4
101	Bac 411	Bacteriology	44	132	—	176	8
101	BCh 411, 412	Biochemistry	66	165	—	231	11
101	Phy 411	Physiology	33	66	—	99	5
			297	825	—	1,122	52
Second Year							
201	An 511	Neurology	22	66	—	88	4
101, 102	Ph 511, 512	Pathology	66	198	—	264	12
101, 102	Phc 511, 512	Pharmacology	110	66	—	176	12
102, 103	Phy 412, 413	Physiology	66	132	—	198	10
201	Med 611	Medicine (Recitations)	22	—	—	22	2
202	Med 612, 613, 614	Medicine (Phys. Diag.)	44	—	44	88	6
203	Med 511	Medicine (Lab. Diag.)	33	99	—	132	6
280	Ps 611	Neuropathology and Psycho- pathology	11	—	—	11	1
202	Sur 611	Surgery	22	—	—	22	2
			396	561	44	1,001	55

Four term hours of elective work are required during the first two years.

Form- er number	Present number	Third Year		Aggregate of hours		Term hours
		Lec- ture	Lab- ora- tory	Clin- ic	To- tal	
205	An 611	Applied Anatomy	11	33	44	2
BACTERIOLOGY:						
102	Bac 511	Principles of Public Health	33	—	33	3
103	Bac 512	Community Health Problems	—	—	66	3
PATHOLOGY:						
109	Pth 514	Gynecological and Obstetrical Pathology	11	22	33	2
110	Pth 515	Laboratory Neuropathology	—	22	22	1
111	Pth 513	Surgical Pathology	—	—	11	1
MEDICINE:						
204	Med 615, 616	Recitations	44	—	44	4
207	Med 653, 654, 655	Physical Diagnosis	33	—	33	4½
211	Med 617, 618, 619	Clerkships	—	—	66	3
214	Med 620, 621, 622	Medical Clinic	—	—	66	3
215	Med 623	Gastroenterology	22	—	22	2
222	Neu 611, 612, 613	Nervous Diseases Lecture	33	—	33	3
281	Ps 613, 614	Psychopathology	22	—	22	2
234	Der 611, 612, 613	Dermatological Clinic	—	—	33	3
236	Der 617, 618	Histopathology	16	—	16	1½
302	DM 611	Oral Hygiene and Oral Pathology	6	—	6	½
RADIOLOGY:						
202	Rad 611, 612, 613	Radiographic Diagnosis	33	—	33	3
SURGERY:						
202	Sur 612, 613	Recitation	44	—	44	4
252	Sur 614	Clerkships	—	—	132	6
253	Sur 615, 616	Physiotherapy	22	—	22	2
206	Orp 611	Orthopaedics	22	—	22	2
222	Orp 612, 613	Surgery of Extremities	—	—	44	2
OPHTH., OTOL., RHIN., LARN.:						
201	Eye 611	Ophth. Lectures	11	—	11	1
205	ENT 611	O. R. and L. Lectures	11	—	11	1
UROLOGY:						
201	Ur 611	Lectures	11	—	11	1
OBSTETRICS:						
201	Obs 611	Intro. Lect. and Demon.	22	—	22	2
202	Obs 612	Lect. and Demon.	22	—	22	2
203	Obs 613	Path. Preg. Lab. and Peurp.	22	—	22	2
207	Obs 614	Attendance at six Deliveries.	—	—	11	1
212	Obs 615	Manikin	22	—	22	2
GYNECOLOGY:						
201b	Gyn 611	Lectures	22	—	22	2
201	Gyn 612	Lectures	22	—	22	2
204	Gyn 613	Clerkships	—	—	17	1
PEDIATRICS:						
201	Ped 611, 612, 613	An. Ph. Hy. Inf. Ch. Clinic	22	—	11	2½
203	Ped 614, 615, 616	Dis. of Inf. and Ch.	66	—	66	6
206	Ped 617	Clerkships	—	—	22	1
207	Ped 618	Physical Diagnosis	—	—	11	1
			605	77	523	81½
Fourth Year						
PATHOLOGY:						
107	Pth 611	Autopsy Clinic	—	—	22	1
108	Pth 612	Clin. Path. Conf.	—	—	22	1
104	Pth 613	Attendance at Autopsies (Students required to attend three)	—	—	6	½
PHARMACOLOGY:						
104	Phc 513	Toxicology	5	—	5	½
MEDICINE:						
206	Med 624, 625, 626	Outpatient Clinic	—	—	132	6
209	Med 627, 628, 629	Med. Clinic	—	—	33	1½
213	Med 630, 631	Contagious Diseases	11	—	6	1
251	Med 632, 633, 634	General Clinic	—	—	33	3
221	Neu 614	Nervous Dis. Clinic	—	—	5½	5½
223	Neu 615	Nerv. and Mental Clinic	—	—	11	1

Form- er num- ber	Present number		Aggregate of hours				
			Lec- ture	Lab- ora- tory	Clin- ic	To- tal Term hours	
282	Ps 615	Psychiatry, Clerkship	.....	.....	22	22	1
260	Med 635	Tuberculosis Clinic	.....	.....	22	22	1
301	Med 651	Medical Jurisprudence	11	.....	.....	11	1
	Med 656	Bedside Diagnosis	.....	.....	11	11	1
232	Der 615	Dermatology	.....	.....	33	33	1½
233	Der 616	Derm. Syph. Clinic	.....	.....	44	44	2
SURGERY:							
203	Sur 617, 618	Outpatient Clinic	.....	.....	66	66	3
221	Sur 619	Gen. Surg. Clinic	.....	.....	22	22	1
223	Sur 620	Conference	.....	.....	44	44	2
224	Sur 621	Gen. Surg. Clinic	.....	.....	22	22	1
225	Sur 622	Gen. Surg. Clinic	.....	.....	44	44	2
226	Sur 623, 624, 625	Gen. Surg. Clinic	.....	.....	33	33	3
OPHTH., OTOL., RHIN., LARN.:							
202	Eye 612	Ophth. Outpatient Clinic	.....	.....	33	33	1½
203	Eye 613	Ophth. Lecture	11	.....	.....	11	1
206	ENT 612	O. R. and L. Outpatient Clinic	.....	.....	33	33	1½
207	ENT 613	O. R. and L. Lecture	11	.....	.....	11	1
UROLOGY:							
202	Ur 612, 613	Clinic	.....	.....	22	22	1
203	Ur 614	Outpatient Clinic	.....	.....	44	44	2
OBSTETRICS:							
205	Obs 616	Clinic	.....	.....	22	22	2
206	Obs 617	Outpatient Service (Attendance at twelve Deliveries required)	.....	.....	.....	.....	1½
209	Obs 618	Postnatal Clinic	.....	.....	5	5	.....
211	Obs 619, 620, 621	General Clinic	.....	.....	33	33	1½
213	Obs 622	Clerkships	.....	.....	11	11	½
GYNECOLOGY:							
203	Gyn 614	Outpatient Clinic	.....	.....	22	22	1
205	Gyn 615	Ward Walks and Clinic	.....	.....	11	11	½
PEDIATRICS:							
205	Ped 619	Clinic	.....	.....	33	33	1½
			49	.....	902½	951½	50

## RECAPITULATION

	Aggregate of hours				Term hours			
	Lecture	Laboratory	Clinic	Total				
First Year	297	825	.....	1,122	52			
Second Year	396	561	44	1,001	55			
Third Year	605	77	523	1,205	81½			
Fourth Year	49	.....	902½	951½	50			
				1,347	1,468	1,469½	4,279½	288½

## PRESCRIBED WORK BY DEPARTMENTS

	Preclinical	Aggregate of hours
Anatomy	.....	704
Bacteriology and Hygiene	.....	176
Biochemistry	.....	231
Physiology	.....	297
Pharmacology	.....	176
Pathology	.....	264
Total hours, Preclinical	.....	1,848
Clinical		
Anatomy	.....	44
Pathology	.....	116
Pharmacology	.....	5
Medicine:		
General Medicine	.....	754
Nervous and Mental Diseases	.....	49½
Psychiatry	.....	55
Dermatology and Syphilology	.....	126

	Aggregate of hours
Radiology .....	33
Preventive Medicine .....	99
Medical Jurisprudence .....	11
Dental Medicine .....	6
Surgery:	
General Surgery .....	451
Orthopaedic .....	66
Ophthalmology .....	55
Otology, Rhinology, Laryngology .....	55
Urology .....	77
Gynecology .....	94
Obstetrics .....	170*
Pediatrics .....	165
<hr/>	
Total hours, Clinical .....	2,431½
Total hours prescribed work .....	4,279½

\*Not inclusive of outpatient duty in obstetrics.

#### ELECTIVE WORK

Twelve units of work in elective subjects are required of the candidate for the degree of Doctor of Medicine, four of which shall be taken during the first two years.

## Summer Courses

**B**OTH preclinical and clinical courses are offered at the Medical School during the summer open to students registered in the Medical School.

*Preclinical* courses for medical students or others qualified for the work are offered during the summer at the Medical School, provided a sufficient number is enrolled to warrant. Because of the cost of laboratory supplies and equipment, tuition for these courses is based on the number of credit hours given for each course, the rate being \$4.50 per term hour. Courses begin at 8:00 and laboratory work follows lecture work.

*Clinical.* A limited amount of clinical work at the Outpatient Clinic is open during the summer months to medical students of junior and senior standing. The full time required for work—in each case fall, winter, and spring terms—is required for summer work. Clinics, for which required or elective credit may be given, are conducted in medicine, surgery, dermatology, urological disease, ophthalmology, otology, rhinology, laryngology, gynecology, and obstetrics.

## Graduate Work

**T**HE department of anatomy, bacteriology and hygiene, biochemistry, pathology, pharmacology and physiology offer instruction leading to the master's degree as an integral part of the Graduate Division of the Oregon State System of Higher Education and subject to the rules and regulations which are published by the Graduate Division.

## Course Numbering System

400-499. Upper division courses primarily for seniors but which may be taken for graduate credit provided a more exacting standard is met.

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.

600-699. Courses that are highly professional or technical in nature and may count toward a professional degree only but cannot apply toward an advanced academic degree such as 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:

401, 501. Research or other original work.

403, 503. Thesis. Reading or research reported in writing.

405, 505. Reading and Conferences. Independent reading reported orally to instructor.

407, 507. Seminar. Independent or assigned reading on current problems reported to groups, using material that never duplicates subject-matter previously covered in course.

## Basic Science Departments

### ANATOMY

#### REQUIRED COURSES

##### FIRST YEAR

An 411, 412, 413. **Gross Anatomy.** Three terms, 6 hours each term.  
Lectures and quizzes, 3 hours; laboratory, 9 hours; 396 hours.  
Drs. Larsell and Straumfjord, and assistants.

An 414. **Histology and Organology.** First term, 6 hours.  
Lectures and quizzes, 3 hours; laboratory, 9 hours; 132 hours. Dr. Larsell and assistants.

An 415. **Embryology.** Second term, 4 hours.  
Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistants.

##### SECOND YEAR

An 511. **Neurology and Organs of Special Senses.** First term, 4 hours.  
Prerequisites: An 411-415. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. Allen and assistant.

##### THIRD YEAR

An 611. **Applied Anatomy.** Third term, 2 hours.  
Prerequisites: An 411, 412, 413. Lecture, 1 hour; laboratory 3 hours; 44 hours. Drs. Foster and Straumfjord.

#### ELECTIVE COURSES

An 416. **Microscopic Technique.** Second term, 2 hours.  
Limited to twelve students after consultation with instructor.  
Laboratory, 6 hours; 66 hours. Dr. Larsell and Mrs. Mitchelson.

- An 503. **Research.** Any term, hours to be arranged.  
In any branch of anatomy, research is open to qualified students upon approval of the instructors. 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.** Second term, hours to be arranged.  
Prerequisites: An 414, 415. Laboratory, 6 hours or less. Dr. Larsell.
- An 513. **Topographical Anatomy.** Third term, 1 or 2 hours.  
Prerequisites: An 411, 412, 413. Limited to fifteen students. Laboratory, 3 or 6 hours; 33 or 66 hours. Dr. Allen and assistant.
- An 514. **Special Dissections.** Term and hours to be arranged.  
Limited to available material. Prerequisites: An 411, 412, 413.
- An 515. **Applied Osteology.** Any term, 2 hours.  
Lectures and demonstrations, 1 hour; laboratory, 3 hours; 44 hours. Dr. Straumfjord.
- An 516. **Mechanism of the Central Nervous System Studied from Lesions.**  
Third term, hours to be arranged.  
Prerequisite: An 511. Laboratory, 3 to 6 hours. Dr. Allen.
- An 517. **Comparative Neurology.** Second or third term, hours to be arranged.  
Lectures, conferences, and laboratory. Dr. Larsell.

## BACTERIOLOGY, HYGIENE, AND PUBLIC HEALTH

### REQUIRED COURSES

#### FIRST YEAR

- Bac 411. **Medical Bacteriology and Immunology.** Third term, 8 hours.  
Lectures, 4 hours; laboratory, 12 hours; 176 hours. Drs. Sears and Levin.

#### THIRD YEAR

- Bac 511. **Principles of Public Health.** Second term, 3 hours.  
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. Sears and Stricker.
- Bac 512. **Community Health Problems.** Summer, 3 hours.  
A course consisting chiefly of a community health survey carried out under the direction of the department staff. Sixty-six hours. Dr. Sears.

## ELECTIVE COURSES

- Bac 503. **Research in Bacteriology and Immunity.** Hours to be arranged. Dr. Sears.
- Bac 507. **Seminar in Bacteriology and Immunity.** Any term, 1 hour each term.  
Meetings of the departmental staff and assistants with a number of specially qualified students to discuss the newer developments in the science as they appear in the current periodical literature. Topics are assigned and individual reports read at meetings of the class. Open to a limited number of students. Meetings held once each week for one hour. Dr. Sears.
- Bac 508. **Advanced Bacteriology and Immunology.** Any term, hours and credits to be arranged.  
A course for medical, special and graduate students who wish to pursue any phase of the subject beyond course 411. Dr. Sears.
- Bac 513. **Parasitology.** First term, 3 hours.  
A brief course in general parasitology consisting of lectures presenting the clinical and hygienic importance of human parasites and laboratory studies of morphology and diagnostic technic. Laboratory, 6 hours; lectures, 1 hour; 77 hours. Dr. Livingston and assistant.
- Bac 514. **Immunology and Serum Technic.** Second term, 3 hours.  
Lectures on the fundamentals of immunology and laboratory exercises in the technic of serum reactions. Laboratory, 3 hours; lectures and demonstrations, 2 hours; 55 hours. Dr. Sears.

## BIOCHEMISTRY

## REQUIRED COURSE

## FIRST YEAR

- BCh 411, 412. **Biochemistry.** First and second terms, 11 hours.  
Three lectures and 6 hours laboratory; three lectures and 9 hours laboratory; 231 hours. Dr. Haskins and assistants.

## ELECTIVE COURSES

- BCh 503. **Biochemistry Research.** Any term, hours to be arranged. Dr. Haskins.
- BCh 511. **Advanced Biochemistry.** Second term, 2 hours.  
Lecture, 1 hour; laboratory, 3 hours; 44 hours. Dr. Haskins and assistant.

*Laboratory Diagnosis*, course required for second year students; see Med 511.

## PATHOLOGY

The pathological museum is comprehensive. Gross and microscopic tissues are received from surgical clinics of the several affiliated hospitals and from the autopsies of the coroner's office and other autopsies. See Pathological Museum in this catalog.

## REQUIRED COURSES

## SECOND YEAR

Pth 511. **General Pathology.** First term, 6 hours.  
A course in general pathology, comprising the 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.** Second term, 6 hours.  
Lectures, 3 hours; laboratory, 9 hours; 132 hours. Dr. Hunter and assistants.

## THIRD YEAR

Pth 513. **Surgical Pathology.** Three terms,  $\frac{1}{2}$  hour each term.  
One hour throughout the year, in sections; 11 hours. Drs. Manlove and Martzloff.

Pth 514. **Gynecological and Obstetrical Pathology.** First term, 2 hours.  
Lecture, 1 hour; laboratory, 2 hours; 33 hours. Drs. Wilson, Adams and assistant.

Pth 515. **Laboratory. Neuropathology.** First term, 1 hour.  
This is a continuation of course Ps 611 and consists of laboratory work and demonstrations dealing with inflammatory reactions and degenerative conditions, with emphasis on general paresis and tabes dorsalis and brain tumors. Gross pathological specimens and demonstrations are used in illustrating the diseases studied. One two-hour period for 22 hours. Drs. Dixon and McLean and assistant.

## FOURTH YEAR

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

Pth 612. **Clinical Pathological Conference.** Three terms, 1 hour each term.  
Multnomah County Hospital. Two hours throughout the year in sections; 22 hours. Drs. Menne, Hunter, Selling, Else, Osgood and assistants.

## AUTOPSY REQUIREMENTS

Pth 613. **Attendance at Autopsies.** Any term,  $\frac{1}{2}$  hour.  
Each student is required to attend and describe at least three autopsies; one in each of the second, third, and fourth years. Six hours. Drs. Menne and Hunter.

## ELECTIVE COURSES

Pth 503. **Research.** Any term, hours to be arranged.  
Open to specially qualified students. Dr. Menne or Dr. Hunter.

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 microscopic sections of autopsy tissues. Open to students who have had at least one quarter's work in pathology. Dr. Menne.
- Pth 518. **Special Pathology of Heart and Circulation.** Third term, hours to be arranged.  
Dr. Benson.
- Pth 614. **Attendance at Autopsies.** Any term, hours to be arranged.  
Opportunity is offered to students each quarter to elect autopsy attendance with instruction, and such students are required to assist and to make detailed suggestions. Drs. Hunter and Menne.

## PHARMACOLOGY

### REQUIRED COURSES

#### SECOND YEAR

- Phc 511. **Systematic Pharmacology and Prescription Writing.** Second term, six hours.  
Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. Myers and Dickinson.
- Phc 512. **Systematic Pharmacology and Pharmacodynamics.** Third term, 6 hours.  
Lectures and quizzes, 5 hours; laboratory, 3 hours; 88 hours. Drs. Myers and Dickinson.

#### FOURTH YEAR

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

- Phc 513. **Toxicology.** Third term,  $\frac{1}{2}$  hour.  
Lectures and quizzes, 1 hour for 5 weeks; 5 hours. Dr. Myers.

### ELECTIVE COURSES

- Phc 503. **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. Myers.
- Phc 507. **Seminar.** Third term, 2 hours.  
Open to third and fourth year students. Two hours; 22 hours. Dr. Myers.
- Phc 514. **Toxicological Analysis.** Third term, 2 hours.  
(Second year.) Lectures and quizzes, 1 hour; laboratory, 3 hours; 44 hours. Dr. Myers.

## PHYSIOLOGY

### REQUIRED COURSES

#### FIRST YEAR

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

## SECOND YEAR

Phy 412. **Digestion, Metabolism, Absorption, Secretion, Excretion, Muscle, and Heat.** First term, 5 hours.

Prerequisite: Phy 411. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Burget, Mannville, Pynn, and assistants.

Phy 413. **The Nervous System and the Senses.** Second term, 5 hours.

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

## ELECTIVE COURSES

Phy 414. **Lectures on the History of Physiology.** Second term, 1 hour.

One hour a week. Dr. Burget.

Phy 503. **Research.** Any term, hours to be arranged.

Drs. Burget and Manville.

Phy 511. **Physiology of the Glands of Internal Secretion.** Third term, 2 hours.

Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Dr. Burget.

Phy 512. **Studies in Metabolism.** First term, 2 hours.

Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Dr. Pynn.

Phy 513. **Diet and Nutrition.** Second term, 2 hours.

(Third year.) A course in dietary requirements in health and disease with special emphasis given to the indications and contraindications for particular food factors; the hygiene of the gastro-intestinal tract; the peculiar value of sunlight, minerals, and vitamins. Prerequisites: Phy 411, 412, 413. Lectures, 2 hours; 22 hours. Dr. Manville.

## MILITARY SCIENCE AND TACTICS

The Army Reorganization Act of Congress, 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 in the Medical School during 1920, and was among the first ten units established in Class A medical schools at the invitation of the surgeon general.

The subjects in the course serve as corollaries to other subjects taught in the school, in addition to which the organization, administration, and functions of the army, in both peace and war, are taught, particular stress being laid on the organization, administration, and functions of the medical department of the army.

Instruction is given by lectures, quizzes, and demonstrations. No drill is required, nor are uniforms worn during the school year. During the advanced course (third and fourth years) students are paid a commutation of subsistence amounting to more than \$200.00.

## ELECTIVE COURSE

Mil 417, 418, 419, 420, 421, 422. **Advanced Course.** Six terms, 1 hour each term.

Open to students of the third and fourth years who will be eligible on graduation to accept a commission in the Officers' Reserve Corps; 1 hour a week for 6 terms, and one summer camp of six weeks. Work during the school year consists of lectures, quizzes, and demonstrations covering hygiene, sanitation, control of communicable diseases, history and development of hospitals, hospitalization, school of the officer, military psychiatry and allied subjects. A summer camp of six weeks at Camp Lewis, Washington, immediately following the school year, is part of the course. It may be taken after the second or third years. The student receives 70 cents a day, transportation to and from camp, rations, uniforms, shelter, and medical treatment free at the camp. The student company functions in turn as medical detachment of a regiment, collecting company, ambulance company, and hospital company. Instruction is chiefly by demonstrations and practical exercises. Afternoons are devoted to athletics, equitation and recreation. Several trips are taken, the most interesting being the trip to Mount Rainier. At graduation those who have completed the course receive commissions as first lieutenants in the medical section of the Officers' Reserve Corps of the United States Army. Major Moore.

## Clinical Departments

### MEDICINE

#### INTERNAL MEDICINE

##### REQUIRED COURSES

##### SECOND YEAR

Med 511. **Laboratory Diagnosis.** Third term, 6 hours.

Lectures, 3 hours; laboratory, 9 hours; 132 hours. Drs. Haskins, Osgood, and assistant.

Med 611. **Introduction to the Principles of Medicine.** Third term, 2 hours.

Recitations based on a standard textbook, 2 hours; 22 hours. Drs. Hollenbeck, Moore, and Wise.

Med 612, 613, 614. **Physical Diagnosis.** Three terms, 1½ hours first and second terms, 3 hours third term.

Lectures, 44 hours; demonstration, 44 hours; 88 hours. Drs. Lewis, Osgood, Gourléy, and Baird.

##### THIRD YEAR

Med 615, 616. **Medicine Recitations.** First and second terms, 2 hours each term.

Two hours; 44 hours. Drs. Hollenbeck, Moore, Wise, and Witham.

- Med 617, 618, 619. **Clinical Clerkship.** Three terms, 3 hours each term.  
Sections of the third year class are assigned to the medical service of the Multnomah County Hospital throughout the year; 66 hours. Drs. Gourley, Osgood and Lewis.
- Med 620, 621, 622. **Medical Clinic.** Three terms, 3 hours each term.  
Multnomah County Hospital. Two hours throughout the year, in sections; 66 hours. Drs. Brill, Coffen, Gatewood, Rosenfeld, Rush, and Short.
- Med 623. **Gastroenterology.** Third term, 2 hours.  
Lecture and conference course, 2 hours; 22 hours. Dr. Fitzgibbon.
- Med 653, 654, 655. **Physical Diagnosis.** Three terms, 1½ hours each term.  
Application of fundamentals taught in the beginning course in Physical Diagnosis and various characteristics in disease processes. Lectures 1 hour a week; demonstrations 1 hour a week through the year; 66 hours. Dr. Lewis.
- FOURTH YEAR
- Med 624, 625, 626. **Dispensary.** Three terms, 2 hours each term.  
Four hours throughout the fourth year; 132 hours. Drs. Baird, Boylen, DuBois, Dahl, Hollingworth, Lewis, Moore, Mount, Myers, Naimark, Nelson, Paul, Payne, Pynn, Simmons, Thayer, Wise, Woods, and Diack.
- Med 627, 628, 629. **Medical Clinic.** Three terms, ½ hour each term.  
Multnomah County Hospital. Diseases of the chest. One hour throughout the year; 33 hours. Dr. Matson.
- Med 630, 631. **Contagious Diseases.** First and second terms, 1 hour.  
Contagious Hospital. Lecture, 1 hour during first term; clinics, 1 hour for 5½ weeks second term in sections; 17 hours. Drs. Dammasch and Hall.
- Med 632, 633, 634. **General Medical Clinic.** Three terms, ½ hour each term.  
Multnomah County Hospital. One hour throughout the year; 33 hours. Dr. Sears.
- Med 635. **Tuberculosis Clinic.** One section each term, 1 hour.  
Outpatient Clinic. Four hours a week for 5½ weeks, throughout the year in sections; 22 hours. Drs. Bisailon and Wilson.
- Med 651. **Medical Jurisprudence.** Third term, 1 hour.  
Eleven hours. Drs. Dillehunt, Stricker, McClure, Bisailon and Myers, the District Attorney of Multnomah County, and Dr. Menne, Director.
- Med 656. **Bedside Diagnosis.** One section each term, ½ hour.  
History analysis; physical diagnosis with analysis of the findings; technique of building a diagnosis. In sections; 11 hours. Dr. Lewis.

## ELECTIVE COURSES

- Med 603. **Research.** Any term, hours to be arranged.
- Med 636. **Diseases of Metabolism and the Ductless Glands.** First or second terms, 1 hour.  
Lecture and conference course; 2 hours; 22 hours. Drs. B. Holcomb, R. Holcomb, and Boylen.
- Med 637. **Diseases of the Kidney.** Second term, 1 hour.  
Lecture and conference course; 2 hours; 22 hours. Dr. Millett.
- Med 638. **Diseases of the Circulation.** First term, 1 hour.  
Lecture and conference course; 11 hours. Dr. Jones.
- Med 639. **Applied Therapeutics.** First term, 1 hour.  
(Fourth year.) Lectures and recitations; 11 hours. Dr. Wilson.
- Med 640. **Endocrinology.** Any term, 1 hour.  
Two hours; 22 hours. Dr. Rush.
- Med 643. **Minor Ailments Clinic.** First term,  $\frac{1}{2}$  hour.  
(Fourth year.) Eleven hours. Dr. Goldsmith.
- Med 644. **Differential Diagnostic Clinic.** Second term,  $\frac{1}{2}$  hour.  
(Third year.) Eleven hours. Dr. Goldsmith.
- Med 645. **Cardiac Clinic.** Any term, 1 hour.  
(Fourth year.) Outpatient Clinic. Two hours a week for one term; 22 hours. Drs. Coffen, Rush, and Goldsmith.
- Med 646. **Medical Ward Walk.** Any term,  $\frac{1}{2}$  hour.  
(Third year.) Good Samaritan Hospital. One hour; 11 hours. Dr. Short.
- Med 647. **Diseases of the Blood and Blood Forming Organs.** Third term, 1 hour.  
Lecture; 11 hours. Dr. Riddle.
- Med 649. **Tuberculosis Contact Clinic for Children.** Any term,  $\frac{1}{2}$  hour.  
(Fourth year.) Twenty-two hours. Drs. Mumby and Allen.
- Med 650. **Diseases of the Circulation—Bedside.** Second term,  $\frac{1}{2}$  hour.  
(Fourth year.) Eleven hours. Dr. Jones.

## NERVOUS AND MENTAL DISEASES

## REQUIRED COURSES

## THIRD YEAR

- Neu 611, 612, 613. **Lecture on Nervous Diseases.** Three terms, 1 hour each term.  
One hour throughout the year; 33 hours. Dr. Selling.

## FOURTH YEAR

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

Neu 615. **Clinic.** One section each term,  $\frac{1}{2}$  hour.

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

## PSYCHIATRY

### REQUIRED COURSES

#### SECOND YEAR

Ps 611. **Lectures. Neuropathology and Psychopathology.** Third term, 1 hour.

This course consists of 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. Eleven hours. Dr. Dixon.

#### THIRD YEAR

*Laboratory Neuropathology.* (See Pth 515.)

Ps 613, 614. **Behavior Disorders of Children.** Second and third terms, 1 hour each term.

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

#### FOURTH YEAR

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

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

### ELECTIVE COURSES

Ps 616. **Psychopathology.** Third term, 1 hour.

Eleven hours. Dr. Gilbert.

Ps 617. **Psychoses.** First term, 1 hour.

Lectures and demonstrations of various psychoses from the viewpoint of mental mechanism, etiology, symptomatology, diagnosis, and treatment. Eleven hours. Dr. Dixon.

Ps 618. **Demonstration Course in Pre-Psychotic Cases.** Any term,  $\frac{1}{2}$  hour.

(Fourth Year Clinic.) One hour a week for one term; 11 hours. Dr. Dixon.

## DERMATOLOGY AND SYPHILOLOGY

### REQUIRED COURSES

#### THIRD YEAR

Der 611, 612, 613. **Dermatological Clinic.** Three terms,  $\frac{1}{2}$  hour each term.

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

Der 617, 618. **Histopathology.** First and second terms, 1½ hours each term.

Part I. Lectures and lantern slide demonstrations covering histopathology of (a) normal skin, (b) the inflammatory diseases, (c) the granulomata, (d) the benign and malignant newgrowths. Part II. Lectures and lantern slide demonstrations; course devoted entirely to various phases of clinical syphilis. Sixteen hours. Dr. Kingery.

#### FOURTH YEAR

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

Utilization of outpatient material; clinical and microscopic diagnostic procedures; general therapy. Three hours a week for each section for one term; one and one-half hours; 33 hours. Drs. Kingery, Labadie, and Parker.

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

Two hours a day, four times a week for five and one-half weeks; 44 hours. Drs. Beck, Kaufman, McArthur, Marbut, Mizner, Sichel, and Strohm.

### DENTAL MEDICINE

#### REQUIRED COURSE

##### THIRD YEAR

DM 611. **Oral Hygiene and Oral Pathology.** Third term, ½ hour. Six lectures. Dr. Chance.

### RADIOLOGY

#### REQUIRED COURSES

##### THIRD YEAR

Rad 611, 612, 613. **Radiographic Diagnosis.** Three terms, 1 hour each term.

Lectures and quizzes. This course will include a consideration of the interpretation of pathology as depicted on the radiograph and the fluorescent screen. This course will also include the medical, surgical, and dental application of roentgenology in diagnosis; the uses, the limitations, and the dangers. Thirty-three hours. Drs. Palmer, Rees, Woolley, and Butler.

#### ELECTIVE COURSES

Rad 614. **Radiographic Technic.** Any term, ½ hour.

(Third year.) These lectures will be of a practical nature and will include the principles of radiography, and actual demonstrations of technic. Eleven hours. Mr. Johnson.

Rad 615. **Roentgen Therapy.** Third term, 1 hour.

Lectures; 1 hour. Dr. Lancefield.

## SURGERY

## GENERAL SURGERY

## REQUIRED COURSES

## SECOND YEAR

- Sur 611. **Recitation.** Third term, 2 hours.  
Recitations, 2 hours; 22 hours. Drs. Johnson, Leitch, Moran and Buckley.

## THIRD YEAR

- Sur 612, 613. **Recitation.** First and second terms, 2 hours each term.  
Recitations, 2 hours; 44 hours. Drs. Johnson, Leitch, Moran, and Buckley.
- Sur 614. **Clinical Clerkships.** One section each term, 6 hours.  
Multnomah Hospital. Throughout the year, in sections; 132 hours.  
Drs. Cone, Else, Martzloff, McLean, Moran, Nichols, Rippey, Suckow, and Kelsey.
- Sur 615, 616. **Physiotherapy.** Two terms, 1 hour each term.  
Lectures and demonstrations; 22 hours. Dr. Jones.
- Surgical Pathology.* See Pth 513.

## FOURTH YEAR

- Sur 617, 618. **Outpatient Clinic.** One and one-half terms, 3 hours (total).  
Two hours twice a week for one term, and two hours twice a week for 5½ weeks; 66 hours. Drs. Blosser, Holzman, Lewis, Lind, Nisbet, Owen, Butler, Greene, George, and Collings.
- Sur 619. **Surgical Clinic.** One section each term, 1 hour.  
Two hours a week throughout the year, in sections; 22 hours.  
Dr. Joyce.
- Sur 620. **Surgical Conference.** One section each term, 2 hours.  
Four hours a week throughout the year, in sections; 44 hours.  
Drs. Holden and Pease.
- Sur 621. **General Surgical Clinic.** One section each term, 1 hour.  
Two hours a week throughout the year, in sections; 22 hours. Dr. Wade.
- Sur 622. **General Surgical Clinic.** One section each term, 2 hours.  
Four hours a week throughout the year, in sections; 44 hours.  
Dr. Coffey.
- Sur 623, 624, 625. **General Surgical Clinic.** Three terms, 1 hour each term.  
Multnomah Hospital. One hour a week throughout the year; 33 hours. Drs. Else and Gambee.

## ELECTIVE COURSES

- Sur 603. **Research.** Any term, hours to be arranged.
- Sur 626. **Operative Surgery.** Any term, 1 hour.  
(Third year.) Operative work upon animals. Two hours a week; 22 hours. Dr. Savage.



- Sur 627. **Proctology Lectures.** Third term, 1 hour.  
(Third year.) Prerequisite to Sur 628. Eleven hours. Drs. Brooke and Black.
- Sur 628. **Proctology.** Any term, ½ hour.  
(Fourth year.) A clinic of diseases of rectum and colon. Prerequisite: Sur 627. Eleven hours. Dr. Smalley.
- Sur 629. **Anaesthesia.** Second term, 1 hour.  
(Fourth year.) Lectures and demonstrations on general and local anaesthesia. Eleven hours. Dr. Owen.
- Sur 630. **Surgical Lesions of the Gastro-intestinal Tract.** Third term, 1 hour.  
(Third year.) Lecture and demonstration course regarding diagnosis, pathology and treatment. Eleven hours. Dr. Bueermann.
- Sur 631. **Surgery of Visceral Nervous System.** Second term, 1 hour.  
(Third year.) Lectures and demonstrations; 11 hours. Dr. Livingston.
- Sur 632. **Surgical Treatment of Pulmonary Tuberculosis.** Third term, 1 hour.  
(Fourth year.) Lectures and demonstrations; 11 hours.
- Sur 633. **Pain; Its Relation to Diagnosis.** Second term, 1 hour.  
(Third year.) Eleven hours. Dr. Livingston.
- Sur 634. **Minor Surgery.** Third term, 1 hour.  
(Third year.) Lectures and demonstrations; 11 hours. Dr. Blosser.
- Sur 635. **Differential and Regional Neurosurgical Diagnosis and Therapeutics.** Second term, 1 hour.  
(Fourth year.) Lectures and demonstrations; 11 hours. Dr. McLean.
- Sur 636. **Acute Abdominal Lesions.** Third term, 1 hour.  
(Fourth year.) Lectures; 11 hours. Dr. Gambee.
- Sur 637. **Tumor Clinic.** Any term, one hour.  
(Fourth year.) Twenty-two hours. Dr. Else.

## ORTHOPAEDIC SURGERY

### REQUIRED COURSES

#### THIRD YEAR

- Orp 611. **Orthopaedic Surgery.** First term, 2 hours.  
Lectures, 2 hours a week; 22 hours. Dr. McClure.
- Orp 612, 613. **Surgery of the Extremities.** Second and third terms, 1 hour each term.

The course consists of 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 another. Lectures and clinics; 2 hours; 44 hours. Drs. Akin and Dillehunt.

## ELECTIVE COURSES

- Orp 614. **Orthopaedic Clinic.** Any term, 1 hour.  
(Fourth year.) Outpatient Clinic. Two hours; 22 hours. Drs. Blair, Carlson, Lucas, and Wrightman.
- Orp 615. **Orthopaedic Ward Walk.** Any term, 1 hour.  
(Fourth year.) Shriners' Hospital for Crippled Children. The course consists of general ward rounds upon patients in the hospital, with discussion of the cases and methods of orthopaedic treatment in deformities of children. Two hours; 22 hours. Dr. Dillehunt.

## OPHTHALMOLOGY

## REQUIRED COURSES

## THIRD YEAR

- Eye 611. **Eye.** First term, 1 hour.  
Lectures, recitations and daily quizzes, 1 hour; 11 hours. Dr. Browning.

## FOURTH YEAR

- Eye 612. **Eye Outpatient Clinic.** One section each term, 1½ hours.  
Six hours a week for five and one-half weeks throughout the year, in sections; 33 hours. Drs. Beattie, Browning, Dykman, Gaston, Hendershott, Kiehle, Taylor, Ainslie, Neulen, Kidd, Belknap, and Pugmire.
- Eye 613. **Eye.** Third term, 1 hour.  
Lectures, demonstrations, quizzes at each lecture and operative clinic; 11 hours. Dr. Kiehle.

## ELECTIVE COURSES

- Eye 614. **Principles and Practice of Refraction.** Second term, 1 hour.  
(Fourth year.) Lectures and case-work, designated to instruct students in testing for glasses and in the use of the ophthalmoscope. Eleven hours. Dr. Browning.
- Eye 615. **Advanced Ophthalmology.** First term, ½ hour.  
(Fourth year.) Injuries and diseases. Eleven hours. Dr. Kiehle.
- Eye 616. **Ophthalmoscopic Clinic.** Any term, ½ hour.  
(Fourth year.) Multnomah Hospital. One hour; 11 hours. Drs. Cooke and Johnston.

## OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

## REQUIRED COURSES

## THIRD YEAR

- ENT 611. **Ear, Nose and Throat.** First term, 1 hour.  
Lectures, recitations and daily quizzes; 11 hours. Dr. Lupton.

## FOURTH YEAR

ENT 612. **Ear, Nose and Throat Outpatient Clinic.** One section each term, 1½ hours.

Practical instruction in examination and treatment of cases. Six hours, 5½ weeks; 33 hours. Drs. Bailey, Beattie, Bolton, Boyden, Bozarth, Carruth, Chamberlain, Davis, Fenton, Huggins, Jones, Kistner, Lucas, Neely, Schatz, Simons, Flynn, Saunders, Lemery, Steiner, and Adix.

ENT 615. **Advanced Rhinology.** Third term, ½ hour.

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

## ELECTIVE COURSES

ENT 614. **Advanced Otology.** Third term, ½ hour.  
(Fourth year.) Eleven hours. Dr. Davis.

ENT 615. **Advanced Rhinology.** One-half hour.  
(Fourth year.) One hour a week; 11 hours. Dr. Fenton.

## UROLOGY

## REQUIRED COURSES

## THIRD YEAR

Ur 611. **Diseases Affecting the Genito-Urinary Tract.** Third term, 1 hour.  
Lectures, 1 hour; 11 hours. Dr. Howard.

## FOURTH YEAR

Ur 612, 613. **Urological Clinic.** First and second terms, ½ hour each term.  
Lectures and clinics, 1 hour; 22 hours. Drs. Johnston and Mackay.

Ur 614. **Outpatient Clinic.** One section each term, 2 hours.  
Five and one-half weeks throughout the year, in sections; 8 hours; 44 hours. Drs. Anderson, Beck, Belknap, Enkelis, Howard, McArthur, Marbut, Nitschke, Sichel, South, Armen, Cheetham, and Strohm.

## ELECTIVE COURSES

Ur 615. **Outpatient Clinic.** First term, 1 hour.  
Lectures and demonstrations; third and fourth year students; 22 hours. Dr. Strohm.

Ur 616. **Urology Clinic Assistantship.** Any term, 1 hour.  
(Fourth year.) Prerequisite: Ur 614. A 2-hour period for one term; 22 hours. Drs. Nitschke, Howard, Armen, and Cheetham.

Ur 617. **Bedside Urological Clinic.** One hour.  
(Fourth year.) One two-hour period a week in the Multnomah County Hospital for one term; 22 hours. Dr. Cheetham.

## OBSTETRICS AND GYNECOLOGY

## OBSTETRICS

## REQUIRED COURSES

## THIRD YEAR

Obs 611. **Introductory Obstetrics.** First term, 2 hours.

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 and clinical course of normal labor and the puerperium. One hour, twice a week, in sections; 22 hours. Drs. Schaufler, Sharkey, and Wilson.

Obs 612. **Lecture and Demonstration Course in Obstetrics.** Second term, 2 hours.

Mechanism of normal and abnormal presentation; manikin demonstration; care of the new-born child. Obstetrical technic: forceps, version, pubiotomy, cesarean section and embryotomy. One hour, twice a week, in sections; 22 hours. Drs. Schaufler, Sharkey, and Wilson.

Obs 613. **Pathology of Pregnancy, Labor and the Puerperium.** Third term, 2 hours.

Lecture and demonstration. One hour, twice a week, in sections; 22 hours. Drs. Dudman, Steinmetz, and Mathieu.

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

Multnomah County Hospital. Each student is required to be in attendance and make proper clinical record of six cases before taking outpatient work. Prerequisite: Obs 611. Eleven hours. Drs. Stone and Mackey.

Obs 615. **Manikin.** One section each term, 2 hours.

Lectures and demonstrations. Two hours a week for one term, throughout the year in sections; 22 hours. Drs. Gambee, Sharkey and McArthur.

*Obstetrical Pathology.* (See Pth. 514.)

## FOURTH YEAR

Obs 616. **Clinical Obstetrics.** One section each term, 2 hours.

Outpatient Clinic and district clinics. This includes the examination of pregnant women, pelvimetry and instructions in prenatal and postpartum care. Five and one-half weeks; throughout the year, in sections; 22 hours. Drs. Adams, Gambee, McArthur, Sharkey, Stearns, Wilson, and Watkins.

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

Delivery of patients in the home and Emmanuel Hospital, and attendance upon mother and child after delivery. Attendance upon at

least twelve cases required. Prerequisite: Obs 614. Thirty-three hours. Arranged and checked by Drs. Watkins, Stone and Mackey.

Obs 618. **Postnatal Clinic.** One section each term,  $\frac{1}{2}$  hour.

Outpatient Clinic. One hour a week for 5 weeks; 5 hours. Drs. Adams, Gambee, Sharkey, Stearns, Wilson, Stone, and Mackey.

Obs 619, 620, 621. **General Clinic.** Three terms,  $\frac{1}{3}$  hour each term.

Multnomah Hospital. One hour each week throughout the year; 33 hours. Drs. Watkins and Adams.

Obs 622. **Clerkships.** One section each term,  $\frac{1}{2}$  hour.

Multnomah Hospital. Two hours a week for  $5\frac{1}{2}$  weeks; 11 hours. Drs. Watkins, Wilson, and Stearns.

#### ELECTIVE COURSE

Obs 603. **Research.** Any term, hours to be arranged.

### GYNECOLOGY

#### REQUIRED COURSES

##### THIRD YEAR

*Gynecological Pathology.* (See Pth 514.)

Gyn 611. **Gynecology.** Second term, 2 hours.

Lectures, demonstrations and recitations, 2 hours; 22 hours. Dr. Watkins.

Gyn 612. **Gynecology.** Third term, 2 hours.

Lectures and recitations, 2 hours; 22 hours. Dr. Watkins.

Gyn 613. **Clinical Clerkships.** One section each term,  $\frac{1}{2}$  hour.

Multnomah County Hospital. Sections of  $5\frac{1}{2}$  weeks; 17 hours. Drs. Adams, Mathieu, Stearns, and Watkins.

##### FOURTH YEAR

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

Outpatient Clinic throughout the year, in sections, 4 hours a week,  $5\frac{1}{2}$  weeks; 22 hours. Drs. Adams, Dudman, Holman, Mathieu, Schaffler, Stearns, Steinmetz, Watkins, and Wilson.

Gyn 615. **Ward Walks and Clinic.** One section each term,  $\frac{1}{2}$  hour.

Multnomah County Hospital. One 2-hour ward walk each week for  $5\frac{1}{2}$  weeks, throughout the year in sections; 11 hours. Drs. Adams, Mathieu, and Watkins.

#### ELECTIVE COURSE

Gyn 603. **Research.** Any term, hours to be arranged.

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**PEDIATRICS****REQUIRED COURSES****THIRD YEAR**

Ped 611, 612, 613. **Anatomy, Physiology, Hygiene of Infancy and Childhood.** Three terms, 2½ hours.

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

Ped 614, 615, 616. **Diseases of Infancy and Childhood.** Three terms, 2 hours each term.

Lectures, clinics, and demonstrations throughout the year, 2 hours; 66 hours. Drs. Bilderback, Bridgeman, and Margason.

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

Doernbecher Memorial Hospital for Children. Throughout the year, in sections; 22 hours. Dr. Ashley.

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

Lectures, clinics, and demonstrations at the Waverly Baby Home and Doernbecher Hospital. Two hours a week for 5½ weeks, throughout the year in sections; 11 hours. Dr. Bridgeman.

*Psychopathology and symptoms of various mental reaction types and behavior disorders of children, see Ps 613, 614.*

**FOURTH YEAR**

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

Five and one-half weeks; 6 hours a week, throughout the year in sections; 33 hours. Drs. Bridgeman, Henricke, Rosenfeld, Ashley and Wrightman.

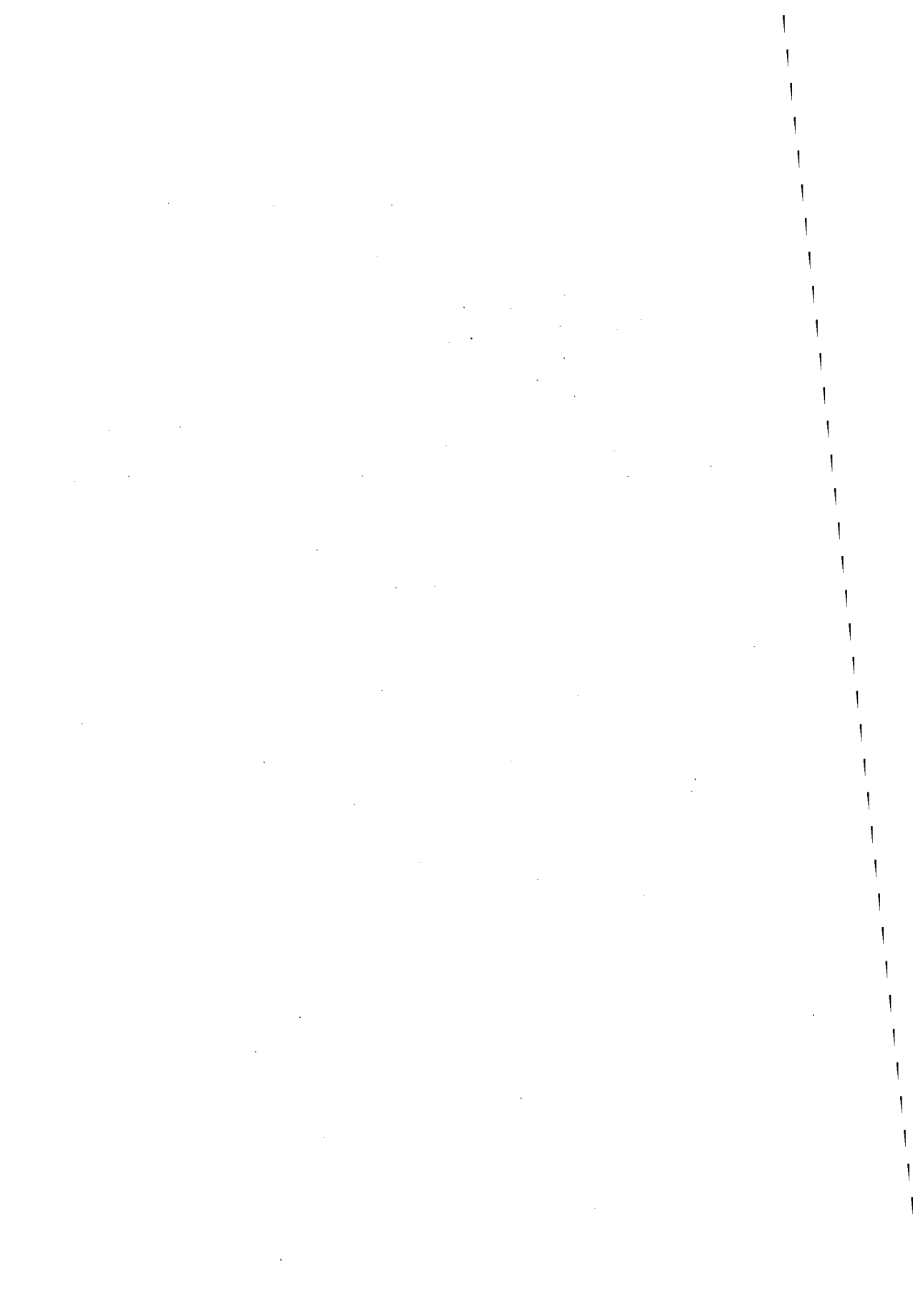
**ELECTIVE COURSES**

Ped 603. **Research.** Any term, hours to be arranged.

Ped 620. **Infant Feeding Clinic.** Any term, 1 hour.

Outpatient Clinic. Twenty-two hours. Drs. Ashley and Wrightman.

*Demonstration Course in Pre-Psychotic Cases. (See Ps 618.)*



# Department of Nursing Education

## Faculty

ELNORA E. THOMSON, R.N., Professor of Nursing; Director of Department of Nursing Education.  
GRACE PHELPS, R.N., Associate Professor of Nursing; Director of Nursing, University of Oregon Medical School.  
RUTH WHEELOCK, A.B., M.A., R.N., Assistant Professor of Nursing; Assistant Director of Nursing Education.  
HARRIET OSBORN, B.A., R.N., Assistant Professor of Nursing.  
BERTHA G. WILSON, B.S., R.N., Assistant Professor of Nursing.

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SADIE ORR DUNBAR, Instructor in Community Organization.  
JOHANNA EGGERS, R.N., Instructor in Obstetrical Nursing.  
JOHN EARL ELSE, M.D., Instructor in Surgery.  
AMELIA FEARY, B.A., R.N., Instructor in Social Case Work.  
RALPH ALBERT FENTON, M.D., Instructor in Otolaryngology.  
LETHA HUMPHREYS, R.N., Instructor in Orthopaedic Nursing.  
MARGARET KELLING, R.N., Instructor in Nursing Procedures.  
FREDERICK ANDREWS KIEHLE, M.D., Instructor in Ophthalmology.  
CHRISTINE LARSEN, R.N., Instructor in Drugs and Solutions.  
LEO SHERMAN LUCAS, M.D., Instructor in Orthopaedic Surgery.  
CORAH V. LUND, B.A., R.N., Instructor in Pediatric Nursing.  
IRA ALBERT MANVILLE, M.D., Instructor in Physiology and Nutrition.  
PHILIP MOORE, B.S., Instructor in Chemistry.  
HENRIETTA MORRIS, D.Sc., Instructor in Health Education.  
EDWIN EUGENE OSGOOD, M.D., Instructor in Materia Medica and Medical Diseases.  
LLOYD J. REYNOLDS, M.A., Instructor in English Composition.  
HARRY JOHNSON SEARS, Ph.D., Instructor in Bacteriology and Public Health.  
LONDON HOWARD SMITH, M.D., Instructor in Pediatrics.  
RAYMOND E. WATKINS, M.D., Instructor in Obstetrics.

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RALPH BROWN, Assistant in Anatomy and Physiology.  
ELDON CHUINARD, Assistant in Anatomy and Physiology.  
MRS. ELDON CHUINARD, Assistant in Anatomy and Physiology.  
JACK GRONDAHL, Assistant in Anatomy and Physiology.  
HOWARD JOHNSON, Assistant in Chemistry.  
CHARLES LITTLEHALES, Assistant in Chemistry and Drugs and Solutions.  
ROBERT LLOYD, Assistant in Anatomy and Physiology.  
DAVID LOREE, Assistant in Chemistry.  
CHARLES MARTIN, Assistant in Bacteriology.  
ELIZABETH MUNN, Assistant in Chemistry and Drugs and Solutions.  
MARTHA ROHNER, Assistant in Bacteriology.



*Affiliated Supervisors of Field Work in Public Health Nursing*

- MARY P. BILLMEYER, B.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.  
 AMELIA FEARY, B.A., R.N., Director of Social Service, Outpatient Clinic.  
 PAULINE KNUDSON, R.N., Director, School Nursing, School Hygiene Division, Bureau of Health.  
 CECIL L. SCHREYER, B.S., R.N., Executive Secretary, Multnomah County Public Health Association.

## EXECUTIVE FACULTY

*Department of Nursing Education*

- RICHARD BENJAMIN DILLEHUNT, Dean of the Medical School.  
 ELNORA E. THOMSON, Professor of Nursing; Director of Department of Nursing Education.  
 GRACE PHELPS, Associate Professor of Nursing; Director of Nursing, University of Oregon Medical School.  
 RUTH WHEELLOCK, Assistant Professor of Nursing.  
 HARRY JOHNSON SEARS, Professor of Bacteriology and Hygiene; Head of Department.  
 RALPH ALBERT FENTON, Clinical Professor of Otolaryngology; Head of Department.  
 IRA ALBERT MANVILLE, Associate in Physiology.  
 RAYMOND E. WATKINS, Clinical Professor of Obstetrics and Gynecology; Head of Department.  
 HARRY R. CLIFF, Director, Multnomah County Hospital (ex-officio).  
 RALF COUCH, Secretary of the Medical School (ex-officio).

## ADVISORY BOARD TO THE FACULTY OF NURSING EDUCATION

- Good Samaritan Hospital*—Miss Bertha Wilson, Dr. Theodore Adams.  
*Multnomah County Hospital*—Miss Margaret Kelling, Dr. Harry R. Cliff.  
*St. Vincent's Hospital*—Sister Genevieve, Dr. C. G. Sabin.

## STANDING COMMITTEES

- Admissions and Academic Requirements*—Elnora Thomson (Chairman), Olof Larsell, Ira A. Manville, Grace Phelps, Lucy Davis.  
*Curriculum and Schedule*—Harry J. Sears (Chairman), Edwin E. Osgood, Raymond E. Watkins, Elnora Thomson, Ruth Wheellock, Ralf Couch (ex-officio).

## Organization and Requirements

**N**URSING education is organized on a collegiate basis and leads to a Junior Certificate and Bachelor of Arts or Science degree. It prepares the student for state registration and is given in affiliation with hospital schools of nursing in Portland which meet the requirements for such education.

### DEGREES AND CERTIFICATES

The Department of Nursing Education of the University of Oregon Medical School offers curricula as follows:

*Degree Curriculum.* A five-year Degree Course in Nursing, the first two years of which are given at the University of Oregon, Eugene, in the School of Physical Education, or at the Oregon State College, Corvallis, in the School of Science. This course leads to the bachelor of arts or the bachelor of science degree from the University and a diploma in nursing from the hospital school, prerequisites to State Board examination for registered nurses.

*Advanced Courses for Graduate Nurses.* A four-term curriculum in Public Health Nursing, leading to a Certificate in Public Health Nursing.

A three-term curriculum in Obstetrics leading to a Certificate in Obstetrical Nursing.

A three-term curriculum in Orthopaedics leading to a Certificate in Orthopaedic Nursing.

A three-term curriculum in Pediatrics leading to a Certificate in Pediatric Nursing.

*Junior Certificate Course.* A three-year Junior Certificate Course in Nursing offered in affiliation with the St. Vincent's, Good Samaritan and Multnomah County hospitals, leading to the Junior Certificate, and diploma from the hospital school, prerequisites to State Board examination for registered nurses.

## REGULATIONS AND REQUIREMENTS

**Placement Examination in English.** All students registering as freshmen are required to take a preliminary examination for the purpose of demonstrating their preparation in English. The examination covers the fundamental principles of grammar and requires evidence of the student's ability to apply these principles in writing. Students failing to obtain a satisfactory grade in this examination are required to pass satisfactorily English K before registering for work in English Composition.

**Grades and Points.** The quality of student work is measured by a system of grades and grade points.

*Grades.* The grading system consists of four passing grades, A, B, C, D; failure, F; incomplete, Inc. Students ordinarily receive one of the four passing grades or failure. When the quality of the work is satisfactory, but the course has not been completed, for reasons acceptable to the instructor, a record of incomplete is made and additional time is granted; this additional time is only to the end of the next subsequent term that the student is registered in the institution. Students are officially withdrawn (W) from a course on filing the proper blanks with the registrar's office.

Exceptional accomplishment is denoted by the grade of A, superior by B, average by C, inferior by D, unsatisfactory by F.

*Points.* Grade points are computed on the basis of 3 points for each term hour of A grade, 2 for each term hour of B, 1 for each term hour of C, 0 for each term hour of D, and -1 (minus one) for each term hour of F. Marks of Inc. and W are disregarded in the computation of points. The grade point average (GPA) is the quotient of total points divided by total term hours, total term hours being the number of term hours in which grades (A, B, C, D, and F) are received.

## LOAN FUND

A loan fund of \$1,250, bequeathed by the late Mrs. Fannie Frank for the purpose of educating graduate nurses, is available to those taking the Public Nursing curriculum. The fund is administered by the dean of the Medical School.

## FEES

Fees\* in Nursing Education are as follows: in degree curricula and Public Health Certificate curricula, per term, \$30.00; junior certificate curricula, per term, \$11.00; non-resident tuition fee, per term (additional), \$20.00; pre-nursing curriculum, per term, \$30.00; laboratory fees, per term hour, \$1.50; diploma fee, for each degree taken, \$6.50.

Penalties for late registration and late payment of fees are as follows:

Students who are not registered on or before the official registration day will be charged a fee of \$1 for late registration during the first week after which time they will not be permitted to register except by special petition.

Students who have not paid their fee at the time of registration will be permitted to pay during the first week of school without penalty when they appear in person at the business office of the Medical School. Those who do not pay during the first week of school will be assessed a penalty of 25 cents a day (accumulative each day) during the second week, after which time their registration is subject to cancellation.

## Curricula in Nursing Education

### DEGREE CURRICULUM IN NURSING

As there are many opportunities in nursing for the woman who is well prepared, and as such preparation means professional education of a high order, the Medical School offers a five-year curriculum in nursing which leads to the bachelor of arts or science degree and prepares the student for nurse registration. The first two years of this course are given in the School of Physical Education on the campus at the University or in the School of Science on the campus at the State College. Prior to entering the hospital school one term is taken in the Department of Nursing Education of the University of Oregon Medical School, Portland, followed by two years in a hospital school of nursing with the theoretical work given in the Department of Nursing Education. In the senior year the student specializes in public health nursing, hospital administration, or some other special type of nursing education, offered at the University of Oregon Medical School in Portland or in the School of Social Science, Eugene.

The first two years are designed to accomplish two things. First, the courses have been selected with a view to their cultural value, equal to that of the customary freshman and sophomore years. Second, they have been arranged to provide the student with that special preparation which enables her to complete her hospital training in two years instead of three, as in the usual hospital course of study leading to nurse registration.

The student then enters one of the schools of nursing in Portland which is affiliated with the Department of Nursing Education of the University of Oregon Medical School and in that school she has courses which

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\*Students enrolled in the first two years of the degree curriculum, given at the State College at Corvallis and at the University of Oregon at Eugene, pay the fees required by these institutions.

require the hospital as a laboratory and theoretical courses in the Department of Nursing Education.

At the present time the University of Oregon grants a forty-five term hour credit only for theory and practice given in a school of nursing, on a transcript of record from the hospital school signed by the Director of Nursing Education. A student to be given this credit must be a graduate of a standard school of nursing which admits only high school graduates.

### ADVANCED COURSES IN NURSING EDUCATION

**Public Health Nursing.** The Department of Nursing Education in the University of Oregon Medical School offers a four-term curriculum in public health nursing which prepares the student as a public health nurse in urban or rural communities and leads to a certificate in public health nursing. Prerequisites for entrance are college matriculation with the addition of graduation from an accredited school for nurses and nurse registration, or senior standing in the degree curriculum in nursing. Admission is further conditioned upon 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.

If the student 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 if the school for nurses meets the requirements of the standard curriculum for schools of nursing.

A second year in public health nursing is offered. In this the student is allowed considerable latitude in her choice of subjects.

Through the cooperation of Portland health and social agencies, the public health nurse student during the first two terms has an opportunity for practice in the urban field and in the spring term by an arrangement made with the Bureau of Public Health Nursing of the State Department of Health and through the cooperation of the Multnomah County Public Health Nursing Association practice is given in rural districts in the vicinity of Portland.

Regular students in the one-year certificate curriculum in Public Health Nursing 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 students are allowed considerable latitude in electives so that they may have special work in that field of public health nursing in which they may wish to specialize.

**Orthopaedic Nursing.** The Department of Nursing Education of the University of Oregon Medical School offers a three-term course in Nursing in Orthopaedics which leads to a certificate. The entrance requirements are the same as those for the Public Health Nursing course and in addition an examination in Anatomy and in Orthopaedic Nursing as outlined in the Standard Curriculum for Schools of Nursing. Only applicants making a satisfactory grade will be accepted.

Through the cooperation of the Doernbecher Memorial Hospital, the Shriners' Hospital for Crippled Children, and the Outpatient Department

of the University of Oregon Medical School, the student will have experience in ward management and care of the patient suffering from orthopaedic conditions, in hospital, clinic and home.

**Obstetrical Nursing.** The Department of Nursing Education of the University of Oregon Medical School offers a three-term course in Nursing in Obstetrics which prepares the student for employment as head nurse in an obstetrical department in a hospital or for specialization in obstetrical nursing service in home, clinic or hospital and leads to a Certificate in Obstetrical Nursing. Prerequisites for entrance are the same as those required for the Public Health Nursing course with the addition of a preliminary examination which will be given all entering students covering the course in obstetrics as outlined in the Standard Curriculum for Schools of Nursing. Only those making a satisfactory grade will be accepted.

Through the cooperation of the Multnomah County Hospital and the Outpatient Clinic, the student in this course will have experience in ward management, delivery room, home nursing deliveries, prenatal service in clinic and field, mothers' classes and post-partem care in clinic and field. The standards and technique in the outpatient department and home 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 of the University of Oregon Medical School offers a three-term curriculum in nursing in pediatrics which prepares the student for employment as a head nurse in a pediatric department in a hospital or for specialization in pediatric nursing in home, clinic or hospital, and leads to a Certificate in Pediatric Nursing. Prerequisites for entrance are the same as those required for Public Health nursing with the addition of a preliminary examination covering the course in pediatrics as outlined in the standard curriculum for schools of nursing. Only those making a satisfactory grade will be accepted.

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

## DEGREE CURRICULUM IN NURSING EDUCATION

### *B.A., B.S. Degrees*

The first two years of this curriculum may be taken at either the University at Eugene or the State College at Corvallis.

#### CURRICULUM AT THE UNIVERSITY (School of Physical Education)

	Term hours		
	1st	2d	3d
Animal Biology (Z 101, 102, 103).....	3	3	3
Elementary General Chemistry (Ch 201, 202, 203).....	4	4	4
English Composition (Eng 111, 112, 113).....	2	2	2
Physical Education (PE 114, 115, 116).....	1	1	1
Background in Nursing (PE 209, 210, 211).....	3	3	3
French (RL 1, 2, 3) or German (Ger 1, 2, 3).....	4	4	4
	17	17	17

	Second Year		
	Term hours		
	1st	2d	3d
Elements of Sociology (Soc 201, 202, 203).....	3	3	3
Shakespeare (Eng 201, 202, 203).....	3	3	3
Physical Education (PE 214, 215, 216).....	1	1	1
French (RL 4, 5, 6) or German (Ger 4, 5, 6).....	4	4	4
Continuation Chemistry (Ch 220).....	4	.....	.....
Organic Chemistry (Ch 226, 227).....	.....	4	4
Elective .....	2-3	2-3	2-3
	17-18	17-18	17-18

CURRICULUM AT THE STATE COLLEGE (School of Science)

First Year			
Animal Biology (Z 101, 102, 103).....	3	3	3
Elementary General Chemistry (Ch 201, 202, 203).....	3	3	3
English Composition (Eng 111, 112, 113).....	3	3	3
Physical Education (PE 114, 115, 116).....	1	1	1
Background in Nursing (PE 209, 210, 211).....	3	3	3
French (RL 1, 2, 3) or German (Ger 1, 2, 3).....	4	4	4
	17	17	17
Second Year			
Elements of Sociology (Soc 201, 202, 203).....	3	3	3
Shakespeare (Eng 201, 202, 203).....	3	3	3
Physical Education (PE 214, 215, 216).....	1	1	1
French (RL 4, 5, 6) or German (Ger 4, 5, 6).....	4	4	4
Organic Chemistry (Ch 221).....	5	.....	.....
Elementary Biochemistry (Ch 251).....	.....	5	.....
Elective .....	.....	.....	4-5
	16	16	15-16

CURRICULUM AT THE MEDICAL SCHOOL

*Summer			
Anatomy and Physiology (Biol 101).....	6	.....	.....
Bacteriology (Biol 102).....	5	.....	.....
Drugs and Solutions (Ch 112).....	2	.....	.....
Personal Hygiene (Biol 113).....	3	.....	.....
	16	.....	.....
†Third Year			
Physiology of Nutrition (Biol 115).....	.....	.....	3
Elements of Pathology (Biol 114).....	2	.....	.....
Case Work Methods (Nur 202).....	.....	.....	2
Elementary Nursing Procedures (Nur 131).....	5	5	5
Clinics in Surgical Diseases (Nur 230).....	.....	.....	5
Surgical Diseases (Biol 211).....	2	.....	.....
Materia Medica and Therapeutics (Biol 117).....	2	.....	.....
Medical Diseases (Biol 118).....	.....	2	.....
Clinics in Medical Diseases (Nur 132).....	.....	5	.....
	11	12	15
†Fourth Year			
Advanced Nursing Procedures (Nur 231).....	5	5	5
Pediatrics (Nur 301).....	2	.....	.....
Clinics in Pediatrics (Nur 331).....	5	.....	.....
Psychiatric Nursing (Nur 215).....	.....	.....	2
Clinics in Psychiatry (Nur 233).....	.....	.....	5
Survey of Field and Related Professional Problems (Nur 205).....	2	.....	.....
Emergency Nursing (Biol 302).....	2	.....	.....
Communicable Disease Nursing (Nur 116).....	.....	2	.....
Obstetrics (Biol 214).....	.....	2	.....
Clinics in Obstetrics (Nur 232).....	.....	5	.....
Eye, Ear, Nose and Throat (Biol 212).....	.....	.....	1
Orthopaedics (Biol 213).....	.....	.....	1
	16	14	14

\*To follow second year.

†Given in the Department of Nursing Education of the University of Oregon Medical School, and affiliated hospital schools.

Concurrent with the theory, practice is given in the hospital wards in the third and fourth years as follows:

Elementary Nursing in Medical and Surgical Wards  
 Isolation Nursing  
 Dietotherapy  
 Operating Room  
 Advanced Nursing in Medical and Surgical Wards  
 Minor Surgery  
 Obstetrics  
 Senior Ward Service  
 Pediatrics

Fifth Year (Medical School, Portland, or University, Eugene)

For this year the student elects one of the nursing specialties. The student's program is outlined through consultation with the Director of Nursing Education.

### JUNIOR CERTIFICATE CURRICULUM IN NURSING EDUCATION

All students accepted by affiliated hospital schools matriculate in the Medical School and file their high school credentials in the registrar's office. They are required to take one full term of theory given by the Medical School in the summer or winter term preceding entrance of the students into the Department of Nursing.

<i>Summer or Winter</i> (Prerequisite)	Term Hours		
Anatomy and Physiology (Biol 101).....		6	
Chemistry (Ch 112).....		4	
Drugs and Solutions (Ch 111).....		2	
Personal Hygiene (Biol 113).....		3	
		15	
	<b>First Year</b>		
		Term hours	
	1st	2d	3d
Elementary Nursing Procedures (Nur 131).....	5	5	5
Elements of Pathology (Biol 114).....	2	.....	.....
Bacteriology (Biol 102).....	.....	3	.....
Materia Medica and Therapeutics (Biol 117).....	.....	2	.....
Nutrition (Biol 115).....	3	.....	.....
Communicable Disease Nursing (Biol 116).....	.....	.....	2
Public Health (Nur 201).....	.....	.....	2
Medical Diseases (Biol 118).....	.....	.....	2
Clinics in Medical Diseases (Nur 131).....	.....	.....	5
	10	10	16
	<b>Second Year</b>		
English Composition (Eng 111, 112, 113).....	2	2	2
Case Work Methods (Nur 202).....	2	.....	.....
Surgical Diseases (Biol 211).....	2	.....	.....
Clinics in Surgical Diseases (Nur 230).....	5	.....	.....
Eye, Ear, Nose and Throat (Biol 212).....	.....	1	.....
Orthopaedics (Biol 213).....	.....	1	.....
Obstetrics (Biol 214).....	.....	2	.....
Clinics in Obstetrics (Nur 232).....	.....	5	.....
Psychiatric Nursing (Nur 215).....	.....	.....	2
Modern Social and Health Movements (Nur 203).....	.....	.....	2
Clinics in Psychiatry (Nur 233).....	.....	.....	5
	11	11	11
	<b>Third Year</b>		
Pediatrics (Nur 301).....	2	.....	.....
Clinics in Pediatrics (Nur 331).....	5	.....	.....
Advanced Nursing Procedures (Nur 231).....	5	5	5
History of Nursing (Nur 204).....	2	.....	.....
Survey of Field and Professional Problems (Nur 205).....	.....	2	.....
Emergency Nursing (Biol 302).....	2	.....	.....
Electives .....	.....	2	6
	16	9	11

Concurrent with the theory, practice is given in hospital wards in the following:

- Elementary Nursing in Surgical and Medical Wards
- Advanced Nursing in Medical and Surgical Wards
- Isolation Nursing
- Dietotherapy
- Operating Room
- Minor Surgery
- Obstetrics
- Senior Ward Service
- Pediatrics

**CURRICULUM IN PUBLIC HEALTH NURSING EDUCATION**

**First Year**

**Section I (Entering first term)**

	Term hours			
	1st	2d	3d	Summer
Principles of Publicity (Nur 310).....				3
Bacteriology and Public Health (Nur 311).....	2			
Community Organization (Nur 411, 412).....		4		
Methods in Social Case Work (Nur 410).....	3			
Field Work in Family Case Work (Nur 314).....	5			
Methods in Teaching Health (Nur 312, 313).....		4		
Introduction to Public Health Nursing (Nur 315, 316, 317).....	1		1	1
Methods in Public Health Nursing (Nur 318, 319, 320).....	3	3	3	
Field Work in Public Health Nursing (Nur 321, 322, 323).....		5	5	5
General Psychology (Nur 216, 217, 218).....	2	2	2	
Systems in Public Health Nursing (Nur 324).....				6
Electives .....		2	2	
	16	17	17	16

**Section II (Entering third term)**

	Term hours			
	3d	Summer	1st	2d
Principles of Publicity (Nur 310).....		3		
Bacteriology and Public Health (Biol 311).....			2	
Community Organization (Nur 411, 412).....		4		
Methods in Social Case Work (Nur 410).....	3			
Field Work in Social Case Work (Nur 314).....	5			
Methods in Teaching Health (Nur 312, 313).....		4		
Introduction to Public Health Nursing (Nur 315, 316, 317).....	1	1	1	
Methods in Public Health Nursing (Nur 318, 319, 320).....	3		3	3
Field Work in Public Health Nursing (Nur 321, 322, 323).....		5	5	5
General Psychology (Nur 216, 217, 218).....			2	2
Systems of Public Health Nursing (Nur 324).....				6
Electives .....	4		4	
	16	17	17	16

**Upper Division (Elective)**

	Term hours		
	1st	2d	3d
Advanced Principles in Nursing (Nur 419, 420, 421).....	2	2	2
Advanced Field Work in Nursing (Nur 422, 423, 424).....	5	5	5
Seminar in Nursing (Nur 407).....	2	2	2
Electives (with special reference to the educational requirements and the professional needs and interests of the student).....	7	7	7
	16	16	16

**CURRICULUM IN ORTHOPAEDIC NURSING**

	Term hours		
	1st	2d	3d
General Psychology (Nur 216, 217, 218) or Child Psychology.....	3	3	3
Methods in Social Case Work (Nur 410).....	3		
Introduction to Public Health Nursing (Nur 325).....	3		
Seminar in Nursing (Nur 407) or elective.....	2	2	2
Field Work in Social Case Work (Nur 314).....	5		
Methods in Supervision (Nur 330).....		3	3
Clinical Orthopaedic Nursing (Nur 340, 341).....		9	9
	16	17	17



## CURRICULUM IN OBSTETRICAL NURSING

	Term hours		
	1st	2d	3d
General Psychology (Nur 216, 217, 218) or Child Psychology.....	3	3	3
Methods in Social Case Work (Nur 410).....	3	....	....
Introduction to Public Health Nursing (Nur 325).....	3	....	....
Field Work in Social Case Work (Nur 314).....	5	....	....
Seminar in Nursing (Nur 407) or elective.....	2	2	2
Methods in Supervision (Nur 330).....	....	3	3
Clinical Obstetrical Nursing (Nur 350, 351).....	....	9	9
	16	17	17

## CURRICULUM IN PEDIATRIC NURSING

	Term hours		
	1st	2d	3d
General Psychology (Nur 216, 217, 218) or Child Psychology.....	3	3	3
Methods in Social Case Work (Nur 410).....	3	....	....
Field Work in Social Case Work (Nur 314).....	5	....	....
Introduction to Public Health Nursing (Nur 325).....	3	....	....
Seminar in Nursing (Nur 407) or elective.....	2	2	2
Methods in Supervision (Nur 330).....	....	3	3
Clinical Pediatric Nursing (Nur 360, 361).....	....	9	9
	16	17	17

## Description of Courses

## PRE-HOSPITAL COURSES

Nur 101. **Anatomy and Physiology.** Summer or second term, 6 hours.

To give the student a practical working knowledge of the structure and function of the skeletal system, an appreciation of the human body as an efficient machine, and to form the basis for the study of materia medica, as well as pathological conditions and to train in habits of exact observation. Lectures, 4½ hours; laboratory, 5 hours; 95 hours. Dr. Manville.

Nur 111. **Drugs and Solutions.** Summer or second term, 2 hours.

To familiarize the student with common drugs used as disinfectants and antiseptics, presenting these in groups according to their common characteristics; to insure accuracy and afford practice in making up solutions commonly used by the nurse; to teach tables, arithmetic and method necessary for this purpose. Lectures, 1 hour; laboratory, 2 hours; 30 hours. Miss Larsen.

Nur 112. **Elementary Chemistry.** Summer or second term, 4 hours.

A course introductory to chemistry and designed to give the student in nursing a basis for the intelligent study of such subjects as physiology, nutrition, bacteriology, public health, materia medica and practical nursing. Lectures, 2 hours; laboratory, 4 hours; 60 hours. Mr. Moore.

Nur 113. **Personal Hygiene.** Summer or second term, 3 hours.

Designed to give the student the fundamental principles for building health, to help the student form sound health habits, and to give scientific methods for teaching health. Lectures, 30 hours. Miss Wheelock.

**\*Nur 325. Bacteriology and Immunology.** Summer term, 5 hours.

A study of the general characteristics of bacteria and their relation to disease. Considerable attention will be given also to the special reactions of the human body to infection and the application of these reactions to the diagnosis, prevention and treatment of infective diseases. Lectures, 3 hours; laboratory, 6 hours; 90 hours. Dr. Sears.

## JUNIOR CERTIFICATE COURSES

## FIRST YEAR

**Nur 102. Bacteriology.** First or second term, 3 hours.

This course is for the student in nursing and is designed to help her understand the characteristics and habits of microorganisms so that she may know how to protect her patient, the public, and herself from infection. Lectures, 2 hours; laboratory, 2 hours; 44 hours. Dr. Sears.

**Nur 114. Elements of Pathology.** First or third term, 2 hours.

A study of the more generally accepted causes of disease, and the nature of the more common disease processes with special reference to symptoms and reasons for treatments prescribed. Lectures, 2 hours; 22 hours.

**Nur 115. Nutrition.** First or third term, 3 hours.

This course is arranged to give the student a knowledge of the nutritive value of foods, their chemical combination and use for different age groups in health and in disease. Lectures, 2 hours; laboratory, 2 hours; 44 hours. Dr. Manville.

**Nur 116. Communicable Disease Nursing.** Second or third term, 2 hours.

To give the student a practical understanding of the symptoms and treatment of the commoner communicable diseases. Lectures, 2 hours; 22 hours. Miss Wheelock.

**Nur 117. Materia Medica and Therapeutics.** First or second term, 2 hours.

This course is designed to continue the study of drugs with special reference to their use as therapeutic agencies with emphasis upon the accurate administration of medicines and intelligent reporting of results. Lectures, 2 hours; 22 hours. Dr. Osgood.

**Nur 118. Medical Diseases.** Second or third term, 2 hours.

The objects of this course are to give the student a practical understanding of the causes, symptoms, prevention, and treatment of medical diseases so that she may be prepared to give skilled assistance to the physician in the care of the patient. To develop skill in reporting symptoms of disease and the effect of treatment. Lectures, 2 hours; 22 hours. Dr. Osgood.

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\*Required only of degree students in nursing who have completed two years on the campus at Eugene or Corvallis.

Nur 201. **Public Health.** Second or third term, 2 hours.

The causes and preventions of communicable diseases. Public health practices. Lectures, illustrated with the microscope, lantern slides, charts, and bacterial cultures. Lectures, 2 hours; 22 hours. Dr. Sears.

**English K.** First or second term, 1 hour.

A one-term course in the mechanics of English for those who fail to pass the entrance English examination. The student must pass the entrance English examination or English K before he is permitted to register for any other written English course. Two recitations.

#### SECOND YEAR

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

A year course 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, 3 hours; 66 hours. Mr. Reynolds.

Nur 202. **Case Work Method Applied to Nursing.** First or third term, 2 hours.

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

\*Nur 203. **Modern Social and Health Movements.** Second or third term, 2 hours.

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

Nur 211. **Surgical Diseases.** First or third term, 2 hours.

To give the nurse student the etiology and symptoms of the principal surgical diseases with preparative, operative, and post-operative treatment so that she may give intelligent assistance to the surgeon in promoting the patient's recovery. Lectures, 2 hours; 22 hours. Dr. Else.

Nur 212. **Eye, Ear, Nose, and Throat.** First or second term, 1 hour.

A study of the care and treatment of the eye, ear, nose, and throat under normal and abnormal conditions. Lectures, 1 hour; 11 hours. Drs. Fenton and Kiehle.

Nur 213. **Orthopaedic Surgery.** First or second term, 1 hour.

Brief history of orthopaedic surgery showing recent progress. A study of normal motions, symptoms of abnormalities and methods of treatment so that the nurse may give skilled assistance to the orthopaedic surgeon in making corrections for the patient. Lectures, 1 hour; 11 hours. Dr. Lucas.

Nur 214. **Obstetrics.** First or second term, 2 hours.

A study of the value of the individual family to the race. The importance of adequate medical and nursing care for maternity patients from the beginning of pregnancy through the puerperium. Physiology and hygiene of normal pregnancy, complications, treatment, care of patients in hospital or home. Lectures, 2 hours; 22 hours. Dr. Watkins.

\*Nur 215. **Psychiatric Nursing.** Second or third term, 2 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, 2 hours; 22 hours. Miss Thomson.

#### THIRD YEAR

Nur 204. **History of Nursing.** First or third term, 2 hours.

A study of present-day conditions in nursing; obstacles which have been overcome; the early leaders and the ideals and traditions underlying nursing. Lectures, 2 hours; 22 hours. Miss Thomson.

\*Nur 205. **Survey of Field and Related Professional Problems.** First or second term, 2 hours.

An introduction to the various branches of nursing; problems, responsibilities, professional organizations, relation to other professions. Opportunities for further education. Lectures, 2 hours; 22 hours. Miss Wheelock.

Nur 301. **Pediatrics.** First or third term, 2 hours.

A study of the mental and physical development of the normal child from birth to puberty. Feeding: maternal, supplementary, complementary. Symptoms of disease in children, their prevention and treatment. Lectures, 2 hours; 22 hours. Dr. Smith.

Nur 302. **Emergency Nursing.** First or third term, 2 hours.

Covers emergency treatment to be given before the arrival of a doctor in cases of accident or physical injury. Lectures, 2 hours; 22 hours. Dr. Sard Weist, American Red Cross.

Nur 303. **Physiotherapy.** Second term, 2 hours.

To give the student nurse an elementary understanding of these phases of treatment and appreciation of their importance. Lectures, 2 hours; 22 hours.

#### COURSES GIVEN IN HOSPITAL SCHOOL

Nur 131. **Elementary Nursing Procedures.** Three terms, 5 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 technique in nursing. Three sections. Lectures and laboratory. Given in hospital school. Lectures, 1 hour; clinic, 4 hours. Miss Osborn, Miss Wilson, and Miss Kelling.

\*Credit earned in this course applies toward a major in Sociology.

Nur 132. **Clinics in Medical Diseases.** First or third term, 5 hours.

To provide bedside teaching of the student nurse in medical diseases and give her a practical understanding of symptoms and methods of treatment. Three sections. Lectures, 1 hour; clinic, 4 hours. Miss Osborn, Miss Wilson, Miss Kelling, and medical staff in hospital school of nursing.

Nur 230. **Clinics in Surgical Diseases.** First or third term, 5 hours.

To provide bedside teaching of the student nurse in surgical diseases and give her a practical understanding of symptoms and methods of treatment. Three sections. Lectures, 1 hour; clinic, 4 hours. Miss Osborn, Miss Wilson, Miss Kelling, and surgical staff in hospital at school of nursing.

Nur 231. **Advanced Nursing Procedures.** Any term, 5 hours each term.

To give the student a scientific method of approach to the nursing care of patients in special services in hospital such as obstetrics, pediatrics, operating room, etc. Three sections. Given in hospital school. Lectures, 1 hour; clinic, 4 hours. Miss Osborn, Miss Wilson, and Miss Kelling.

Nur 232. **Clinics in Obstetrics.** First or second term, 5 hours.

To provide bedside teaching of the student nurse in obstetrics and to give her a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Three sections. Lectures, 1 hour; clinic, 4 hours. Miss Osborn, Miss Wilson, Miss Kelling, and obstetrical staff, hospital school of nursing.

Nur 233. **Clinics in Psychiatry.** First or third term, 1 hour.

Lectures, 1 hour; clinic, 4 hours. Dr. Dixon.

Nur 331. **Clinics in Pediatrics.** Any term, 5 hours.

To provide bedside teaching of the student nurse in pediatrics and to give her a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Lectures, 1 hour; clinic, 4 hours. Miss Phelps and staff, Doernbecher Hospital.

## ADVANCED COURSES IN NURSING EDUCATION

### PUBLIC HEALTH NURSING COURSES

Nur 216, 217, 218. **General Psychology.** Three terms, 2 hours each term.

An introductory course in general psychology designed to furnish the student a sufficient knowledge of psychology for general cultural purposes and to serve as a basis for advanced work.

Nur 310. **Principles of Publicity.** Summer term, 3 hours.

A practical course for social workers, teachers, ministers, and others who handle their own publicity in a non-professional way. Training will not only include the methods for securing adequate and effective newspaper cooperation, but will cover the various other media that may be used to reach the public. Lectures, 3 hours; 30 hours.

**Nur 311. Bacteriology and Public Health.** Third term, 2 hours.

The causes and prevention of communicable diseases. Lectures, illustrated with the microscope, lantern slides, charts, and bacterial cultures. The course is designed especially for social workers, nurses, and teachers. It is given without formal laboratory period. Small fee required for syllabus material. Lectures, 2 hours; 22 hours; Dr. Sears.

**Nur 312, 313. Methods in Teaching Health.** Summer or second term, 4 hours; or second and third terms, 2 hours each term.

This course presents methods which are being developed in the field of health education with special relation to the public health nurse. Lectures, 4 hours; 44 hours. Miss Morris.

**Nur 314. Field Work in Social Case Work.** First or third term, 5 hours.

The first term of field work will be spent in the Social Service Department of the University of Oregon Medical School in family case work, since experience in the solution of family problems is basic to all fields of public health nursing. Field work, 165 hours. Miss Feary.

**Nur 315, 316, 317. Introduction to Public Health Nursing.** Three terms, 1 hour each term.

This course presents the history and development of public health nursing and its relation to other fields of community service. Lectures, 33 hours. Miss Thomson, Miss Wheelock.

**Nur 318, 319, 320. Methods in Public Health Nursing.** Three terms, 2 to 3 hours each term.

This course presents the methods which have been devised to give service to individuals through public health nursing, generalized and specialized, and will, therefore, be closely allied to the field experience of the student. The technique which has been developed in each field of public health nursing will be critically studied in relation to its application to individuals served. Lectures, reports on assigned reading, and discussion. Lectures, 2-3 hours; 66-99 hours. Miss Thomson, Miss Wheelock.

**Nur 321. Field Work in Public Health Nursing.** Second or summer term, 5 hours.

Experience will be obtained in pre-natal and post-natal nursing with the Outpatient Clinic; infant welfare, tuberculosis, bedside and industrial nursing with the Portland Visiting Nurse Association; and school nursing with the school nursing division of the City Health Bureau. Clinic, 165 hours. Miss Thomson, Miss Crowe, and Miss Knudsen.

**Nur 322. Field Work in Public Health Nursing.** First or third term, 5 hours.

Rural public health nursing under the direction of the Bureau of Nursing, State Board of Health. Clinic, 165 hours. Miss Thomson, Miss Billmeyer, and Miss Schreyer.

Nur 323. **Field Work in Public Health Nursing.** Summer or second term, 5 hours.

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

Nur 324. **Systems in Public Health Nursing.** Summer or second term, 6 hours.

The, development of Public Health practices and organization with special emphasis upon present trends in public health nursing. Clinic, 180 hours. Miss Feary.

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

Arranged for advanced students in nursing. It is proposed to give the student an opportunity to study problems relating to nursing. Credit will be given only for the complete course. Lectures, 2 hours; 66 hours. Miss Thomson.

Nur 410. **Methods in Social Case Work.** First or third term, 3 hours.

A study of the principles and methods common to all forms of social case work. Selected cases pertaining to the family case work field will be used demonstrating processes and skills generic to any kind of case work and employed in interviewing, analysis of situations, treatment and case recording. Lectures, 3 hours; 33 hours. Miss Feary.

Nur 411, 412. **Community Organization.** Second and third terms, 2 hours each term; or 4 hours summer term.

A study of the theories and methods of organization; how used by national, state, and local organizations; of constructive and destructive factors existing in community life; of the background of community movements. Students will make outline studies of organizations functioning in local communities and will discuss such topics as the fundamental institutions of any community, the inter-relationships 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, 2-3 hours; 33-44 hours. Mrs. Dunbar.

Nur 413, 414, 415. **Administration in Nursing Schools.** Three terms, 2 hours each term.

Problems of training school organization in connection with hospitals of various types and nursing schools under other forms of government. The essentials in nature and variety of hospital service, in administrative and teaching staff, and in 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 or direction of assistants and ward staff. Lectures, 3 hours; 66 hours. Miss Phelps.

Nur 416, 417, 418. **Field Work in Hospital Administration.** Three terms, 5 hours each term.

For senior students in nursing. The student will be given an opportunity for practice in the Doernbecher Hospital. Field work, 495 hours. Miss Phelps.

Nur 419, 420, 421. **Advanced Principles in Nursing.** Three terms, 2 hours each term.

This course presents the principles which underlie service to individuals and families as they are applied through nursing. Lectures, 2 hours; 66 hours. Miss Thomson.

Nur 422, 423, 424. **Advanced Field Work in Nursing.** Three terms, 5 hours each term.

This course is designed for senior or graduate nurse students. The student will be given an opportunity to work with an agency specializing in the particular form of nursing or medical social service in which her interest lies. Field work, 495 hours. Miss Thomson, Miss Wheelock.

Nur 425, 426. **Teaching Nursing Procedures.** Any two consecutive terms, 2 hours each term.

A practical course in the study of newer and better methods which are applicable to nursing. Practical application of project method. Provision for individual differences with conferences and exhibits of approved equipment. Lectures, 2 hours; 44 hours. Miss Wheelock.

Nur 427, 428. **Methods and Observation of Teaching Nursing Procedures.** Any two consecutive terms, 3 hours each term.

A professional course in methods of teaching nursing procedures in the wards of the hospital. Student evaluation and management. Classes will be held at each hospital from which students are enrolled. Miss Wheelock.

Nur 503. **Social Research.** Three terms, hours to be arranged.

This course is intended to give the student an opportunity to work out projects in the line of his special interest. Opportunities will be offered in the field of child welfare, medical social work, visiting teaching, family welfare, and community organization. Miss Thomson.

Nur 507. **Case Work Seminar.** First or second term, 2 hours.

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

Nur 510, 511, 512. **Fundamentals of Health Education.** Three terms, 2 hours each term.

Lectures and discussions on the scientific basis for health development and the prevention of disease. 66 hours.



## ORTHOPAEDICS

Nur 216, 217, 218. **General Psychology.** Three terms, 2 hours each term.

An introductory course in general psychology designed to furnish the student a sufficient knowledge of psychology for general cultural purposes and to serve as a basis for advanced work. Lectures, 3 hours; 66 hours.

Nur 314. **Field Work in Social Case Work.** First or third term, 5 hours.

The first quarter of field work will be spent in the Social Service Department of the University of Oregon Medical School in family case work, since experience in the solution of family problems is basic to all fields of public health nursing. Clinic, 165 hours. Miss Feary.

Nur 325. **Introduction to Public Health Nursing.** First term, 3 hours.

This course presents the history and development of public health nursing and its relation to other fields of community service. Lectures, 3 hours; 33 hours. Miss Thomson and Miss Wheelock.

Nur 330. **Methods in Supervision.** Second and third terms, 1 hour.

This course will provide methods and technique in teaching, supervision of nurses and proper care of special equipment. Practical experience will be given in the graduate nursing specialty elected by the student. Lecture, 1 hour; clinic, 2 hours; 66 hours. Miss Thomson and staff.

Nur 340, 341. **Clinical Orthopaedic Nursing.** Second and third terms, 3 hours.

An opportunity will be given for experience with children and adults in the outpatient department of the University of Oregon Medical School and Shriners' Hospital for Crippled Children. Lectures, 3 hours; clinic, 6 hours; 462 hours. Miss Humphreys.

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

Arranged for advanced students in nursing. It is proposed to give the student an opportunity to study problems relating to nursing. Credit will be given only for the complete course. Lectures, 2 hours; 66 hours. Miss Thomson.

Nur 410. **Methods in Social Case Work.** First or third term, 3 hours.

A study of the principles and methods common to all forms of social case work. Selected cases pertaining to the family case work field will be used demonstrating processes and skills generic to any kind of case work and employed in interviewing, analysis of situations, treatment and case recording. Lectures, 3 hours; 33 hours. Miss Feary.

## OBSTETRICS

Nur 216, 217, 218. **General Psychology.** Three terms, 2 hours each term.

For course description, see Orthopaedics.

Nur 314. **Field Work in Social Case Work.** First or third term, 5 hours.

For course description, see Orthopaedics.

- Nur 325. **Introduction to Public Health Nursing.** First term, 3 hours.  
For course description, see Orthopaedics.
- Nur 330. **Methods in Supervision.** Second and third terms, 1 hour.  
For course description, see Orthopaedics.
- Nur 350, 351. **Clinical Obstetrical Nursing.** Second and third terms, 3 hours.  
This course will provide practical experience in the hospitals affiliated with the University, the outpatient clinic, and in the homes. Lectures, 3 hours; clinic, 6 hours; 462 hours. Dr. Watkins and Miss Eggers.
- Nur 407. **Seminar in Nursing.** Three terms, 2 hours each term.  
For course description, see Orthopaedics.
- Nur 410. **Methods in Social Case Work.** First or third term, 3 hours.  
For course description, see Orthopaedics.

## PEDIATRICS

- Nur 216, 217, 218. **General Psychology.** Three terms, 2 hours each term.  
For course description, see Orthopaedics.
- Nur 314. **Field Work in Social Case Work.** First or third term, 5 hours.  
For course description, see Orthopaedics.
- Nur 325. **Introduction to Public Health Nursing.** First term, 3 hours.  
For course description, see Orthopaedics.
- Nur 360, 361. **Clinical Pediatric Nursing.** Second and third terms, 3 hours.  
For course description, see Orthopaedics.
- Nur 360, 361. **Clinical Pediatric Nursing.** Second and third terms, 3 hours.  
This course will provide practical experience with children in the Doernbecher Hospital and in the outpatient clinic. Lecture, 3 hours; clinic, 6 hours; 462 hours. Miss Phelps and staff.
- Nur 407. **Seminar in Nursing.** Three terms, 2 hours each term.  
For course description, see Orthopaedics.
- Nur 410. **Methods in Social Case Work.** First or third term, 3 hours.  
For course description, see Orthopaedics.

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# Enrollment

1932-33

## Medical School

### CLASS OF 1933

- Benz, Emil J., Portland.  
University of Oregon, B.S., 1930.
- Blatchford, Clarence R., Salem.  
Willamette University, A.B., 1927.
- Bracher, Allen N., Portland.  
University of Oregon, B.A., 1930.
- Brill, Joseph, Portland.  
Reed College, A.B., 1929.
- Carlson, Carroll C., Cooperstown, N.D.  
University of North Dakota, B.S., 1931.
- DeBusk, Roger W., Eugene.  
University of Oregon, B.A., 1930.
- Doane, Edwin A., Salem.  
University of Wisconsin, B.S., 1930.
- Dow, Robert S., McMinnville.  
Linfield College, B.S., 1929.
- Dowsett, Jack, Gresham.  
University of Oregon, B.A., 1930.
- Durose, Fred W., Portland.  
University of Washington, B. S., 1926.
- Emigh, Harriet F., Spokane, Washington.  
Whitman College, B.S., 1926.
- Erickson, Harold M., Portland.  
University of Oregon, B.A., 1930.
- Evans, John W., Salem.  
University of Oregon, B.A., 1931.
- Fuller, Melvin F., Portland.  
University of Idaho, B.S., 1930.
- Gantenbein, Calvin Edward, New York, N.Y.  
University of Oregon, B.A., 1931.
- Gettelman, Eugene, Portland.  
University of Washington, B.S., 1929.
- Gilleland, James L., Pullman, Washington.  
State College of Washington, B.S., 1929.
- Haddon, Joseph E., Portland.  
University of Washington, B.S., 1929.
- Harris, David M., Seattle, Washington.  
University of Washington, B.S., 1928.
- Havlina, John M., Portland.  
University of Oregon, B.S., 1930.
- Hess, O. Richard, Portland.  
Oregon State College,  
University of Oregon, B.S., 1932.
- Hilge, Alferd H., Portland.  
Oregon State College, B.S., 1927.
- Johnson, Eric C., Portland.  
University of Oregon, B.A., 1930.
- Johnsrud, Russell L., Portland.  
University of Oregon, B.A., 1930.
- Johnstone, Arthur E., Corvallis.  
University of Oregon, B.S., 1930.
- Keane, Roger H., Pendleton.  
State College of Washington, B.S., 1928.
- Keizer, Ennis R., North Bend.  
University of Oregon, B.A., 1930.
- King, Albert Terrence, Mitchell.  
University of Oregon, B.A., 1930.
- LeCompte, George A., Portland.  
University of Oregon, B.S., 1931.
- Lewis, Herbert D., Marshfield.  
University of Oregon, B.A., 1929.
- Long, Donald M., Portland.  
University of Oregon, B.S., 1930.
- McGraw, Lowell S., Portland.  
Oregon State College, B.S., 1929.
- Martin, W. Charles, Portland.  
University of Oregon, B.S., 1930.
- Nelson, Gunnar E. C., Portland.  
State College of Washington, B.S., 1925.
- Norton, Henry H., Eugene.  
University of Oregon, B.A., 1929.
- Perozzi, Thelma, Ashland.  
University of Oregon, B.A., 1929.
- Phetteplace, Dale O., Portland.  
University of Oregon, B.A., 1931.
- Poindexter, Samuel M., Boise, Idaho.  
University of Idaho, B.S., 1925.
- Rankin, Frederick, O., Portland.  
University of Oregon, B.A., 1930.
- Renter, Ernest G., Portland.  
Reed College, A.B., 1926.
- Rhind, Earl S., Portland.  
University of Washington, B.S., 1929.
- Schatz, Milton M., Portland.  
University of Oregon, B.S., 1930.
- Sewall, Ralph J., Portland.  
University of Oregon, B.A., 1930.
- Shiach, John M., Portland.  
University of Oregon, B.A., 1930.
- Smith, Courtney M., Portland.  
University of Oregon, B.A., 1930.
- Smith, E. Noel, Dufur.  
University of Oregon, B.A., 1929.
- Snyder, George A. C., Portland.  
University of Oregon, B.A., 1930.
- Swanson, Florence L., Seattle, Washington.  
University of Washington, B.S., 1924.
- TenEyck, Glenn, Sandy.  
University of Oregon, B.A., 1930.
- Thorstenberg, Edward S., Portland.  
University of Oregon, B.A., 1931.
- Whiteside, Harold R., Portland.  
University of Oregon, B.S., 1928.
- Wiley, James W., Portland.  
University of Oregon, B.S., 1930.
- Wiens, Frank L., Dallas.  
Tabor College, B.A., 1927.
- Fourth year..... 53

### CLASS OF 1934

- Abele, John F., Portland.  
University of Oregon, B.A., 1930.
- Alne, Arthur E., Astoria.  
University of Oregon, B.A., 1931.
- Austin, Elmer John, Tacoma, Washington.  
College of Puget Sound, A.B., 1929.
- Bain, Lyle M., Albany.  
University of Oregon, B.A., 1920.

- Baker, Russel L., Gaston.  
University of Oregon, B.A., 1930.
- Belden, Galen O., Salem.  
Oregon State College, B.S., 1929.
- Berenson, Bernard, Portland.  
University of Oregon, B.A., 1931.
- Boersma, Frank, Amity.  
Oregon State College, B.S., 1930.
- Bracher, George J., Portland.  
University of Oregon, B.A., 1931.
- Brown, Kenneth C., Portland.  
University of Oregon, B.A., 1930.
- Brown, Ralph C., Mount Vernon, Wash-  
ington.  
College of Puget Sound, B.S., 1928.
- Browne, Walter P., Portland.  
University of Oregon, B.A., 1930.
- Callender, Orley N., Boise, Idaho.  
University of Idaho, B.S., 1930.
- Card, John F., Portland.  
University of Oregon, B.A., 1932.
- Chuinard, Eldon, Kelso, Washington.  
College of Puget Sound, B.A., 1926.
- Clisby, Keith M., Portland.  
Oregon State College, B.S., 1929.
- Coverstone, Vernon A., Medford.  
University of Oregon, B.A., 1933.
- Cutts, William, Portland.  
University of Oregon, B.S., 1931.
- Davis, Joe B., Salem.  
Willamette University, B.A., 1930.
- Davison, Luther, Oakland.  
University of Oregon, B.A., 1930.
- Dodgson, Thomas B., Seattle, Washington.  
College of Puget Sound, B.S., 1929.
- Duke, Raymond E., Portland.  
University of Oregon, B.A., 1931.
- Everett, E. Gaither, Lakeview.  
University of Oregon, B.A., 1932.
- Fixott, Richard S., Portland.  
University of Oregon, B.A., 1931.
- Gius, John A., Tacoma, Washington.  
University of Oregon, B.A., 1931.
- Henry, Robert T., Endicott, Washington.  
University of Oregon, B.A., 1931.
- Highmiller, Ralph H., Oregon City.  
University of Oregon, B.A., 1928.
- Holder, Thomas D., Paisley.  
University of Oregon, B.A., 1928.
- Johnson, Melvin E., Eugene.  
University of Oregon, B.S., 1932.
- Kennedy, Mary E., Portland.  
University of Oregon, B.A., 1931.
- Kurtz, F. Howard, Salem.  
University of Oregon, B.A., 1931.
- Lloyd, Robert W., Portland.  
University of Oregon, B.A., 1930.
- Logan, Hugh D., Seaside.  
University of Oregon, B.A., 1930.
- Loree, David R., Bandon.  
Linfield College, A.B., 1926.
- McGowan, Donald O., The Dalles.  
University of Oregon, B.A., 1930.
- Martin, Carl L., Seattle, Washington.  
University of Washington, B.S., 1929.
- Mason, David G., Albany.  
University of Oregon, B.A., 1931.
- Moore, Philip H., Moro.  
University of Oregon, B.S., 1930.
- Naimark, David H., Portland.  
University of Oregon, B.A., 1931.
- Nichols, Herbert M., Portland.  
Yale College, Ph.B., 1930.
- Osgood, Samuel B., Albany.  
University of Oregon, B.S., 1931.
- Palmer, Allan R., Portland.  
University of Oregon, B.A., 1931.
- Porter, Leslie, West Linn.  
University of Oregon, B.A., 1931.
- Robson, Margaret E., Essex, Montana.  
Linfield College, B.S., 1931.
- Rogers, Arthur L., Eugene.  
University of Oregon, B.A., 1931.
- Searing, Donald H., Tacoma, Washington.  
College of Puget Sound, B.S., 1928.
- Schade, George H., Portland.  
University of Oregon, B.A., 1930.
- Simmer, Edwin G., Wenatchee, Washing-  
ton.  
University of Washington, B.S., 1930.
- Sisson, Merrell A., Portland.  
University of Oregon, B.A., 1931.
- Sohler, Frank E., Healdsburg, Cal.  
University of Oregon, B.A., 1929.
- Speros, James T., Baker.  
University of Oregon, B.A., 1931.
- Stephenson, Dan N., Eugene.  
University of Oregon, B.A., 1931.
- Stolzheise, Ralph M., Salem.  
Willamette University, A.B., 1926.
- Tanner, Noall Z., Layton, Utah.  
University of Utah, B.A., 1931.
- Thompson, Walter, Gresham.  
University of Oregon, B.A., 1931.
- Tingle, Margaret A., Eugene.  
University of Oregon, B.A., 1930.
- Titus, Bruce L., Eugene.  
University of Oregon, B.A., 1930.
- Trullinger, Dan P., Yamhill.  
University of Oregon, B.A., 1930.
- Tryggvi, Carl, Bellingham, Washington.  
University of Washington, B.S., 1927.
- Westbrook, Paul A., Eugene.  
University of Oregon, B.S., 1930.
- Wilbur, Walter I., Portland.  
University of Oregon, B.A., 1931.

Third year..... 61

### CLASS OF 1935

- Biswell, Roger, Jr., Baker.  
University of Oregon, B.A., 1931.
- Black, Neil, Portland.  
University of Oregon, B.S., 1932.
- Bonebrake, Hubert E., Portland.  
University of Oregon, B.A., 1932.
- Browne, Harry C., Portland.  
University of Oregon, B.S., 1932.
- Cohen, William, Portland.  
Reed College, B.A., 1931.
- Corkery, Flora, Spokane, Washington.  
University of Idaho, B.S., 1933.
- Corkery, John R., Spokane, Washington.  
University of Idaho, B.S., 1933.
- Crynes, Sylvester, Portland.  
University of Washington, B.S., 1931.
- Currin, Hugh B., Klamath Falls.  
Willamette University, A.B., 1931.
- Davis, Irvin, Portland.  
University of Oregon, B.A., 1932.
- Feves, Louis, Portland.  
University of Oregon, B.A., 1933.
- Freeborg, Margaret M., Multnomah.  
University of Oregon, B.A., 1932.
- Gardner, John, Tacoma, Washington.  
College of Puget Sound, B.S., 1930.
- Goff, Willard F., Seattle, Washington.  
University of Washington, B.S., 1931.

- Hargus, Harold Buford, Klamath Falls.  
University of Oregon, B.A., 1929.
- Hart, John C., Portland.  
University of Oregon, B.A., 1932.
- Haugen, Frederick, Eugene.  
Luther College, University of Oregon,  
B. A., 1933.
- Haugen, Gerhard, Eugene.  
University of Oregon, B.A., 1932.
- Henry, Randall W., Endicott, Washington.  
State College of Washington, B.S., 1931.
- Hutchins, Lewis R., Seattle, Washington.  
University of Washington, B.A., 1928.
- Ice, William H., Oregon City.  
University of Oregon, B.A., 1932.
- Jones, Orville, Portland.  
Reed College, B.A., 1931.
- Johnson, Howard, Portland.  
University of Oregon, B.A., 1931.
- Littlehales, Charles, Portland.  
University of Oregon, B.A., 1932.
- Luten, Miriam, Portland.  
University of Washington, M.S., 1923.
- MacLaren, Alfred, Portland.  
University of Oregon, B.A., 1933.
- McAlear, Lowell E., Hillsboro.  
Pacific University, A.B., 1931.
- Miller, Ernest, Portland.  
University of Oregon, B.A., 1932.
- Miller, Robert F., Portland.  
University of Oregon, B.A., 1932.
- Mitchelson, Delmar, Portland.  
University of Oregon, B.A., 1932.
- Morgan, Edward S., Portland.  
University of Oregon, B.A., 1932.
- Mytinger, Harry D., Pendleton.  
Whitman College, University of Oregon,  
B.A., 1933.
- Nichol, Byron A., Portland.  
University of Oregon, B.A., 1932.
- Niles, Gussie A., Salem.  
Willamette University, A.B., 1931.
- Packard, Frank B., Seattle, Washington.  
University of Washington, B.A., 1930.
- Page, Wayne J., Dallas.  
University of Oregon, B.A., 1931.
- Piercy, Watt, Portland.  
University of Idaho, B.S., 1931.
- Pollard, William T., Springfield.  
University of Oregon, B.A., 1931.
- Quinn, Robert S., Astoria.  
University of Oregon, B.A., 1932.
- Ramage, John M., Salem.  
Willamette University, A.B., 1931.
- Ray, Leon F., Portland.  
Oregon State College, B.S., 1931.
- Rohner, Martha, Portland.  
University of Oregon, B.A., 1931.
- Schneider, Leo, Portland.  
Oregon State College, B.S., 1929.
- Sharp, Raymond, Pasco, Washington.  
University of Oregon, B.A., 1933.
- Shuey, Harold E., Eugene.  
University of Oregon, B.A., 1932.
- Slocum, Donald B., Portland.  
Stanford University.
- Starr, Paul H., Corvallis.  
University of Oregon, B.S., 1932.
- Tegart, R. Lloyd, Troutdale.  
University of Oregon, B.S., 1919.
- Thompson, James P., Yakima, Washington.  
Whitman College, University of Oregon,  
B.S., 1933.
- U'Ren, Harold M., Portland.  
University of Oregon.
- Varney, George C., Powers.  
University of Oregon, B.S., 1933.
- Wadsworth, George L., Kerby.  
University of Oregon, B.A., 1932.
- Waggoner, Richard P., Portland.  
University of Oregon, B.A., 1932.
- Wells, Howard A., Hillsboro.  
University of Oregon, B.S., 1932.
- Wu, Henry, Portland.  
Reed College, B.A., 1931.

Second year..... 55

### CLASS OF 1936

- Allison, Samuel D., Ontario.  
Gooding College, B.A., 1932.
- Andersen, Robert P., Portland.  
University of Oregon.
- Babson, Gorham S., Parkdale.  
Reed College, University of Oregon, B.S.,  
1933.
- Beeman, Joseph A., Portland.  
Notre Dame University, Reed College.
- Burich, Fred T., Bend.  
University of Oregon, B.A., 1933.
- Campbell, Charles S., Dallas.  
Willamette University, B.A., 1932.
- Carey, Hollis L., Lebanon.  
University of Washington, M.S., 1932.
- Chaffee, Leslie M., Bremerton, Washington.  
University of Washington, University of  
Oregon, B.S., 1933.
- Chronovsky, Valdemar, Seattle, Washington.  
University of Washington, University of  
Oregon, B.S., 1933.
- Coffen, Charles W., Portland.  
Stanford University, A.B., 1932.
- Dinsmore, James F., Hillsboro.  
University of Oregon, B.A., 1933.
- Dunham, Tom H., Portland.  
University of Oregon.
- French, Alfred J., Salem.  
Willamette University, B.A., 1932.
- Grelle, James H., Portland.  
Stanford University, University of Ore-  
gon.
- Guiss, Warner L., Woodburn.  
University of Oregon, B.A., 1933.
- Hansen, F. Sydney, Portland.  
University of Oregon, B.S., 1932.
- Hartzell, Homer V., Portland.  
Stanford University, A.B., 1930.
- Haworth, James B., Oswego.  
Oregon State College, University of Cali-  
fornia, Reed College.
- Heldfond, Alfred J., Portland.  
Reed College, University of Oregon, B.S.,  
1933.
- Horswill, Harry L., Spokane, Washington.  
University of Idaho, Gonzaga Univer-  
sity.
- Humphreys, Richard H., Portland.  
Whitman College, University of Oregon,  
B.A., 1933.
- Itzikowitz, Sam, Portland.  
University of Oregon, B.A., 1931.
- Kenyon, Vivian E., Portland.  
University of Washington, B.S., 1925.
- Kern, Robert W., Portland.  
University of Oregon, B.S., 1932.
- Kinzel, Gerald E., Portland.  
University of Oregon, B.A., 1933.

Lazier, Donald C., Eugene. University of Oregon, B.A., 1932.	Ryan, Bernard F., Portland. Columbia University, University of Oregon.
Lee, Tunnie, Portland. University of Oregon, B.A., 1932.	Scales, Kenneth J., Sandy. University of Oregon, B.A., 1933.
Loomis, Harry T., Portland. Oregon State College, B.S., 1930.	Shearer, Wallace C., Jr., Portland. University of Oregon, B.A., 1931.
Lowell, Lawrence M., Spokane, Washington. Washington State College.	Short, Faulkner A., Portland. University of Oregon, B.A., 1932.
Majka, Frank A., Tacoma, Washington. University of Oregon, B.S., 1932.	Smith, Harry C., Eugene. University of Oregon.
Marshall, Joseph W., Portland. Stanford University, A.B., 1932.	Sneeden, Vinton D., McMinnville. Linfield College, B.A., 1932.
Mayer, Sidney S., Jr., Portland. Reed College, B.A., 1932.	Sorensen, Oscar S., Seattle, Washington. University of Washington, B.S., 1930.
Moore, Donald E., Medford. University of Oregon, B.A., 1933.	Springer, David W., Boise, Idaho. College of Idaho.
Morris, William E., Pullman, Washington. Washington State College, B.S., 1932.	Staats, Phillip T., Dallas. University of Oregon, B.A., 1932.
Munn, Elizabeth L., Caldwell, Idaho. College of Idaho, B.S., 1932.	Stolte, Hollister M., Portland. Reed College, B.A., 1932.
Nace, Fay Morris, Tacoma, Washington. College of Puget Sound, University of Washington.	Swan, Kenneth C., Portland. University of Oregon, B.A., 1933.
Nakashima, Victor K., Seattle, Washington. University of Washington, B.S., 1932.	Turner, Vernon C., Hillsboro. Pacific University, A.B., 1929.
Northrup, Jane D., St. Helens. University of Oregon, B.A., 1932.	VanDervlugt, Gerald G., Portland. University of Oregon, B.S., 1932.
Olsen, Arthur R., Portland. University of Oregon, B.A., 1933.	Vinton, Dorothy J., Portland. Reed College, B.A., 1917.
Patterson, Virginia, Klamath Agency. University of Oregon, B.A., 1933.	Vogt, Paul R., The Dalles. Stanford University, A.B., 1932.
Patton, O. Beach, Portland. Willamette University, A.B., 1928.	Wall, Edward C., Eugene. University of Oregon, B.S., 1932.
Pollock, Leon E., Portland. Oregon State College.	White, Wendell W., Portland. Canadian Junior College, Walla Walla College, Reed College.
Poor, Clarence, Portland. Willamette University, A.B., 1932.	Wolfe, Alfred S., Portland. Reed College, University of Oregon.
Potampa, Philip B., Eugene. University of Oregon.	Wood, Walter J., Amity. Yale College, Ph.B., 1931.
Priest, Eda L., Portland. University of Oregon, M.A., 1930.	Zeller, Werner E., Portland. Reed College, University of Oregon, B.S., 1933.
Rhoads, Harmon T., Everett, Washington. University of Washington, University of Oregon, B.S., 1933.	
	First year..... 66

## GRADUATE STUDENTS 1932-1933

Jarl, Helen, B.S.

## SPECIAL STUDENTS 1932-1933

Mabie, D.A., M.D.

Strube, Marie, B.S.

## SUMMARY

	Men	Women	Total
First Year .....	60	6	66
Second Year .....	50	5	55
Third Year .....	58	3	61
Fourth Year .....	50	3	53
	218	17	235
Special .....	1	1	2
Graduate .....		1	1
Total .....	219	19	238
Degrees Conferred June 12, 1933 .....			51

## Nursing Education

### PUBLIC HEALTH NURSING STUDENTS

Dixon, Margaret.....	Portland	Holmes, Dorothy Mary.....	Lower Bridge
Fairley, Helen B.....	Portland	Prideaux, Catharine A.....	Portland
Goodlander, M.....	Parkdale	Tynan, Margaret A.....	Portland
Grissom, Helenmarr.....	Portland	Vreeland, Johanna.....	Portland
Hearn, Alice.....	Portland		

### JUNIOR CERTIFICATE COURSE

(In affiliation with Portland hospitals)

#### *St. Vincent's Hospital*

Akse, Nellie.....	Portland	Gordon, Elizabeth.....	Lucile, Idaho
Allen, Jean.....	Portland	Gossett, Lucille B.....	Longview, Wash.
Anderson, Adeline May.....	Portland	Grenbemer, Margaret.....	Mt. Angel
Asper, Rosalie.....	Telocaset	Hagedorn, Laura.....	Portland
Avery, Pearl.....	Klamath Falls	Hall, June.....	Medford
Barkhoefer, Gretchen.....	Fort Benton, Mont.	Harman, Lois.....	Eugene
Barry, Kathryn B.....	Oregon City	Haughawout, Elizabeth M.....	Billings, Mont.
Barry, Nannie.....	Merrill	Herrold, Catherine.....	Ilwaco, Wash.
Beier, Mary Helen.....	Portland	Herrold, Charlotte.....	Ilwaco, Wash.
Bercovich, Florence.....	Portland	Heseltine, Elsie.....	Bonanza
Bjorg, Helen.....	Knappa	Horney, Oletha.....	Madras
Bodenmuller, Elizabeth.....	Centralia	Hoskins, Sara.....	Baker
Bradley, Lula L.....	Aumsville	Hune, Margaret.....	Portland
Brantner, Lelia.....	Woodburn	Jamieson, Charlotte Mary.....	Portland
Brooks, Mona M.....	McCoy	Joan, Sister Margaret.....	Portland
Bruce, Mac.....	Portland	Johnson, Florence V.....	Portland
Burger, Alice.....	Beaverton	Kalafate, Mary Ann.....	Portland
Carlsen, Ruth.....	Eugene	Kalisch, Louise.....	Timber
Chambers, Mary Louise.....	Honolulu, Hawaii	Kelleher, Ruth.....	Portland
Cleland, Ida E.....	Turtle Creek, Pa.	Kelly, Margaret Ellen.....	Salem
Coffee, Marian.....	Oakland, Cal.	Kern, Annette G.....	Portland
Collins, Flora.....	Central Point	King, Donna.....	Vancouver, Wash.
Comstock, Ruth.....	Cove	King, Effie Marie.....	McMinnville
Cone, Jean F.....	Corvallis	Kirchoff, Helen.....	Eugene
Connolly, Mary Frances.....	Portland	Kobielski, Anne.....	Portland
Connors, Georgina.....	Portland	Krause, Thelma.....	Aberdeen, Wash.
Cousens, Cecelia.....	North Bend	Latimer, Laverna.....	McMinnville
Cresswell, Evelyn.....	Pendleton	Lewis, Elizabeth Irene.....	Astoria
Cunniff, Marigold.....	Portland	Lewis, Lula.....	Stayton
Dashney, Christy.....	Portland	Lovin, Frances.....	Portland
DeBiose, Grace P.....	Portland	McDonnell, Ann.....	Portland
Demke, Margaret.....	Portland	McFall, Irene.....	Umpqua
Devlin, Catherine.....	Portland	McKelvie, Margaret.....	Marshfield
Dillon, Nellie.....	Boardman	McMurtry, Eleanor.....	Portland
Dougherty, Helen.....	Portland	McNiece, Doris.....	Portland
DuBois, Virginia.....	Estacada	Madden, Cecilia.....	Vancouver, Wash.
Edin, M. Ruth.....	Kalama, Wash.	Markworth, Marjorie.....	Portland
Eliot, Helen.....	Portland	Martin, Beryl L.....	Portland
Eyler, Inez.....	Springfield	Mason, Violet.....	Longview, Wash.
Fake, Genevieve.....	Portland	Merchant, Elizabeth G.....	Marshfield
Falk, Helen.....	Mt. Angel	Messenger, Mary Ann.....	Milwaukie
Farr, Marjorie.....	Amboy, Wash.	Moomaw, Muriel.....	Portland
Feser, Anne.....	Portland	Moore, Rosemary.....	Portland
Fischer, Pauline M.....	Nyssa	Morgan, Harriet.....	Heppner
Fitzgerald, Mary K.....	Astoria	Mueller, Syvilla A.....	Butte, Mont.
Forman, Elizabeth.....	Antelope	Murray, Margaret.....	Lewiston, Idaho
Pournier, Beatrice.....	Portland	Neutzman, Gertrude.....	Seneca, Neb.
*Freeman, Margaret.....	Alvin, Texas	Nies, Marion J.....	North Bend
*Listed also under Pre-Nursing group.		Nys, Frances.....	Dayton
Gabie, Aletha.....	Hillsboro	Obendorf, Gertrude.....	Parma, Idaho
Gagen, Charlotte.....	Portland	O'Brien, Florence.....	Minot, N. D.
Gall, Vera.....	Newberg	O'Connor, Louise.....	Portland
Gasser, Rosemary.....	Lewiston, Idaho	Offield, Genevieve W.....	Merrill
Germond, Lucile.....	Roseburg	O'Leary, Jeannette.....	Bend
Gibbons, Mary.....	Portland	Olson, Marie.....	Portland
Giesecker, Katherine.....	Lewiston, Idaho	Olson, Martha.....	Portland



Ornduff, Anna.....	Laurel	Shaw, Marion A.....	Salem
Orthmann, Mary M.....	Vancouver, Wash.	Shepard, Kathleen.....	Eugene
Pape, Ella E.....	Eugene	Siefken, Lilyan A.....	Newberg
Parish, Helen.....	Eugene	Skow, Margaret.....	Portland
Parriott, Veronica.....	Spokane, Wash.	Slater, Muriel G.....	Portland
Farry, Betty T.....	Portland	Snyder, Josephine.....	Klamath Falls
Passadore, Helen R.....	Portland	Soule, Marjorie.....	Oswego
Pedicord, Beatrice.....	Baker	Spinning, Marian.....	Portland
Peregrine, Olga.....	Portland	Sprando, Sara.....	Portland
Peterson, Genevieve.....	Independence	Sprando, Sara Rose.....	Portland
Peterson, Hazel.....	Cathlamet, Wash.	Stambone, Louise.....	Marshfield
Phelan, Julia Ellen.....	Northome, Minn.	Staples, Alice.....	Portland
Proctor, Betty Jane.....	Woodburn	Taylor, Dorothy Jean.....	Pocatello, Idaho
Pye, Florence E.....	Knappa	Tefft, Helen.....	Beaverton
Quinn, Bertha E.....	Philomath	Thomson, Jessie D.....	Pendleton
Quinn, Bonnie.....	Philomath	Thornton, Tessie.....	John Day
Ransier, Eleanor.....	Bend	Thorp, Catherine.....	Vancouver, Wash.
Rawlins, Audrey.....	Boise, Idaho	Tienson, Helen J.....	Astoria
Richards, Julia.....	Portland	Torrence, Lida.....	Eugene
Ries, Florence.....	Portland	Vermuellen, Angela.....	Portland
Rinella, Rose M.....	Portland	Vickers, Lera.....	Portland
Rohde, Madeline.....	McCoy	Vickers, Ola Lee.....	Portland
Roser, Mary Louise.....	Woodland, Wash.	Watkins, Alice.....	Kalama, Wash.
Ryan, Bernadette B.....	Portland	Wedel, Maxalyn.....	Aberdeen, Idaho
Sahlfeld, Bertha.....	Hillsboro	Wehmeyer, Edith.....	Heppner
Samer, Mary.....	Parma, Idaho	Wernsing, Paula.....	Moffetts, Wash.
Saylor, V'Ona.....	Eugene	Wiitala, Celia.....	Ilwaco, Wash.
Scanlan, Margaret.....	Portland	Williams, Adelaide.....	Madras
Schneider, Margaret M.....	Portland	Wilwers, Dorothy.....	La Grande
Sheahan, Elizabeth.....	Portland	Winder, Duane.....	Portland
Schwarz, Nedra.....	Marshfield	Woodside, Florence.....	Maupin
Sehl, Mary Lenore.....	Portland	Worthington, Rachel.....	Coeur d'Alene, Idaho
Severn, Marie.....	Portland	Zielinski, Loraine.....	Salem

### Good Samaritan Hospital

Anderson, Violet.....	Portland	Jennings, Evelyn.....	Corvallis
Aris, Alice J.....	Seattle, Wash.	Johnson, Betty Mae.....	Payette, Idaho
Backlund, Lorene.....	Portland	Johnson, Dorothy Leone.....	Sask., Canada
Barth, Ruby Rae.....	Boise, Idaho	Johnson, Elizabeth R.....	Portland
Boice, Louise I.....	Glendale	Johnson, Mabel M.....	Forest Grove
Broderson, Evelyn.....	Weiser, Idaho	Journey, Louise Grace.....	.....
Brown, Lillian.....	.....	.....	Glenns Ferry, Idaho
Bullard, Ruthmary.....	Bullards	Kelker, Yvonne.....	Portland
Bunch, Ellen Virginia.....	Winlock, Wash.	Kemp, R. Lucille.....	Klamath Falls
Bunch, Lena I.....	Huntington	Kirchoff, Helen.....	Eugene
Cady, Bonniene.....	Portland	Kirgin, Mildred Agnes.....	Portland
Carlson, Irene.....	Portland	Koepke, Ernestine L.....	Reedsport
Crossen, Genevieve B.....	Vancouver, Wash.	Larsen, Marjorie B.....	Noti
Dalziel, Helen.....	Garibaldi	Liedtke, Clara J.....	Portland
Davis, Hazel.....	Bridge	Looney, Mary.....	Tangent
Derrick, Marjorie.....	Bend	McPherron, Nora.....	Buhl, Idaho
Dodge, Thelma L.....	Paulsbo, Wash.	Mansfield, Ruth.....	Everett, Wash.
Donaldson, Marguerite.....	Woodburn	Maxfield, Arlene.....	Portland
Downs, Marvel G.....	Portland	Miles, Ruth.....	Bandon
Elliott, Velma.....	Goldendale, Wash.	Miller, Fannie M.....	Newberg
Estes, Lois R.....	Bend	Miller, Mary Annice.....	Creswell
Folsom, Dorothy M.....	Pilot Rock	Miller, Ruth Carolyn.....	Clackamas
Freeze, Margaret.....	Portland	Nelson, Rachel Phyllis.....	Amity
Gannett, Grace.....	Portland	Norgard, Helen F.....	Astoria
George, Ethel.....	Coquille	Orwick, Borghild.....	Astoria
Gibson, Thelma.....	Portland	Panck, Elizabeth.....	Tigard
Gilfillan, Jean Lee.....	Marshfield	Peterson, Jean E.....	Salem
Gillespie, Grace A.....	Salem	Post, Wilma O.....	Buhl, Idaho
Gossett, Fern.....	Portland	Price, Frances G.....	Mohawk
Graap, Norine.....	Hillsboro	Ransom, Kathryn.....	Scio
Gray, Erma Elizabeth.....	Sumner	Reynolds, Ardith.....	Payette
Gray, Vera.....	Grants Pass	Rose, Rheta M.....	Ontario
Grimes, Zena.....	Harrisburg	Schwind, Alice.....	Marcola
Gross, Opal.....	Halfway	Seilon, Alice I.....	Eugene
Hagmeier, Martha.....	Astoria	Seilon, Ethelyn.....	Eugene
Hansen, Irene C.....	Beaverton	Shellhammer, Erma Mae.....	Lakeview
Hill, Helen.....	Linnton	Singer, Mildred H.....	La Grande
Holtz, Esta A.....	Long Beach, Cal.	Spangler, Virginia.....	Oregon City
Howard, Dorothy.....	Portland	Stanton, Geneva G.....	Payette, Idaho
James, Katherin P.....	Portland	Stickney, Ruth Mina.....	Portland

Taylor, Arleen.....Bend  
 Torrance, Katherine.....Dayton, Wash.  
 Tweet, Irene C.....Bend  
 Vincent, Maxine.....Freewater  
 Warner, Mollie.....Myrtle Point  
 Waterman, Helen.....Toledo, Wash.  
 Waterston, Ruby M.....Pine Ridge  
 Webster, Mabel M.....Long Beach, Wash.

Welch, Ruth E.....Clackamas  
 Wicklander, Myra Lee.....Salem  
 Windham, Elizabeth C.....Bend  
 Woody, Jean P.....Chehalis, Wash.  
 Wurster, Corine.....Aurora  
 Young, Marjorie A.....Portland  
 Zaniker, Josephine.....Oregon City

*Multnomah County Hospital*

Abraham, Edith.....Corvallis  
 Allen, Mildred.....Bend  
 Badertscher, Dorothy.....Salem  
 Beard, Norma.....Vancouver, Wash.  
 Besserer, Donna H.....Portland  
 Bibee, Buna E.....Eugene  
 Blakemore, Florence.....Bridgeport  
 Bowden, Rosa Annette.....Portland  
 Bradbury, Madonna M.....Portland  
 Burhart, Helen.....Bend  
 Campbell, Clara B.....Mt. View, Cal.  
 Carpenter, Florence.....Washougal, Wash.  
 Cornwell, Mary.....Oregon City  
 Crooni, Violet M.....The Dalles  
 Crossley, Helen.....Portland  
 Dodds, Dorothy.....Oregon City  
 Downing, Rosetta Jean.....Portland  
 Englund, Nona.....Rochester, Wash.  
 Ernsbarger, Edythe.....Portland  
 Fandrick, Ruth.....Gladstone  
 Fay, Marjorie.....Portland  
 Gaines, Beatrice.....Scio  
 Graham, Margaret McDonald.....Vale  
 Hall, Helen.....Portland  
 Hall, Mabel I.....Myrtle Point  
 Hendricks, Marian.....Garden Home  
 Henshaw, Gwendolyn L.....Portland  
 Hill, Impie P.....Virginia, Minn.  
 Holter, Violet I.....Monroe  
 Howell, Romelia.....Falls City  
 Hughes, Mary Kathryn.....Boise, Idaho  
 Imhoff, Vera C.....Gladstone  
 Ingram, Juanita.....Junction City  
 Jacob, Pauline C.....Portland  
 Johnson, Sadie.....Garden Home  
 Jones, Martha E.....Portland  
 King, Hermina.....Oregon City  
 Kirchoff, Elma.....Pendleton  
 Knapp, Marjorie.....Grants Pass  
 Knight, Carmen.....Lyle, Wash.  
 Krahman, Louise.....Portland  
 Lewis, Marie.....Portland  
 Loshier, Berneta.....Portland

McClure, Esther.....Forks, Wash.  
 McCoury, Dora Pauline.....Portland  
 McGraw, Juanita.....Wallowa  
 McHeffey, Louise.....Kellogg, Idaho  
 McTaggart, Billie Dona.....Portland  
 Mathes, Frances.....Portland  
 Miller, Bernice.....Enterprise  
 Morris, Edmo.....Anaconda, Mont.  
 Moser, Alice.....Oregon City  
 Mulanax, Edith P.....Lafayette  
 Nelson, Elvida.....Portland  
 O'Connor, Mary M.....Portland  
 Pahl, Emma.....Vancouver, Wash.  
 Palmer, Ruth Ellen.....Linnton  
 Pang, Marion S.....Honolulu, T. H.  
 Patrick, Louis.....Yoncalla  
 Pepper, Charlotte.....Billings, Mont.  
 Pepper, Ruth.....Billings, Mont.  
 Phelps, Kathleen.....Salem  
 Philips, Mabelle.....Mt. Vernon, Wash.  
 Pyle, Edith M.....Albany  
 Reber, Mary Ann.....Sherwood  
 Rickard, Selma L.....Eugene  
 Riley, Sara.....Portland  
 Roberts, Henrietta.....Portland  
 Robertson, Dorothy.....Portland  
 Roop, Mae.....Wallowa  
 Ross, Mabelle.....Corvallis  
 Sammons, Ruth.....Portland  
 Sandstrom, Bernice.....Glencullen  
 Schmid, Elizabeth Ann.....Trout Lake, Wash.  
 Sicard, Beatrice.....Woodburn  
 Smith, Dorothea.....Portland  
 Smith, Verna.....Junction City  
 Springer, Margaret C.....Oregon City  
 Staub, Laura.....Beavercreek  
 Stimpson, Elizabeth O.....Portland  
 Tissot, Ruth.....Wolf Creek  
 Wendland, Ida.....Portland  
 Wheeler, Hazel L.....Portland  
 Wolfe, Virgie.....Tangent  
 Wood, Alice.....Forest Grove  
 Wright, Beatrice.....Portland

**PRE-NURSING STUDENTS**

Armstrong, Bernice Adele.....Portland  
 Bitler, Doris H.....Portland  
 Boyd, Iva.....Bly  
 Braden, Mary Ellen.....Portland  
 Bradley, Eva M.....Portland  
 Carlson, Emelia.....Red Lodge, Mont.  
 Dirks, Alice.....Aberdeen, Idaho  
 Doumit, Selma Helen.....Cathlamet, Wash.  
 Downey, Emily.....Salem  
 Finn, Dorothy.....Portland  
 Fisher, Kathryn D.....Roseburg  
 Fogarty, Frances.....Newport  
 Freeman, Margaret.....Alvin, Texas  
 Gill, Eleanore.....Spokane, Wash.  
 Graham, Mary.....Portland  
 Haley, Kathleen.....Portland  
 Hamaker, Marjorie.....Bonanza  
 Hannula, Myrtle.....Portland  
 Happersett, Enid.....La Grande  
 Hastay, Margaret Ruth.....Portland

Hege, Elma C. E.....Aberdeen, Idaho  
 Heikinen, Mabel I.....Knappa  
 Kern, Mary Martha.....Portland  
 Larson, Vivian.....Portland  
 Leitz, Margaret P.....Portland  
 McDonald, Marjorie.....Kelso, Wash.  
 McLeod, Audrey I.....Marshfield  
 MacMillan, Carol E.....Portland  
 McPherson, Myrtle.....Seaside  
 Markel, Ruth E.....Three Forks, Mont.  
 Miller, Helen M.....Salem  
 Munk, Margaret F.....Portland  
 Murphy, Irene.....Butte, Mont.  
 Nye, Lecona.....Monroe  
 Nygren, Virginia.....Portland  
 Phillips, Maxine M.....Portland  
 Regan, Helen Marie.....Portland  
 Reser, Barbara Jane.....Walla Walla, Wash.  
 Rinchart, Myrtle.....Milwaukie  
 Rogers, Olive.....Orencia

Ross, Helen.....	Gaston	Toelle, Verna C.....	Linnnton
Rothrock, Martha.....	Dundee	Tomlinson, Lucile.....	Hood River
Schedeen, Lorna.....	Gresham	Tomminger, Catherine.....	Mt. Angel
Seebers, Dorothea F.....	Portland	Wahl, Marian.....	Dillon, Mont.
Seivert, Alice.....	Portland	Wahl, Muriel.....	Dillon, Mont.
Smith, Priscilla G.....	Cloverdale	Wickman, Isabelle A.....	Winslow, Wash.
Teufel, Mary.....	Portland	Wilson, Mae Eileen.....	Dundee
Thorlin, Alice.....	Portland		

### SPECIAL STUDENTS

Atm, Nina.....	Silverton	Meagher, Stella Marie.....	Portland
Battenberg, Viola May.....	McMinnville	Montgomery, Mary.....	Cashel, Ireland
Beane, Geneva Frances.....	Portland	Mulenburg, Mary De Loras.....	La Grande
Beatty, Alice.....	Portland	Mullins, Elma Jane.....	Goble
Bennett, Josephine H.....	Portland	McCabe, Lillian Brown.....	Portland
Boyer, Marguerite I.....	Portland	McLaren, Retha Jewel.....	Portland
Bricknell, Frances Elliottte.....	Portland	McNeil, Berdelia.....	Portland
Button, Vivian Celia.....	La Center, Wash.	Nye, Clara Catherine.....	Portland
Campbell, Grace Lucile.....	Portland	Oeder, Verda Eunice.....	Silverton
Casper, Zella M.....	Vancouver, Wash.	Orthmann, Anna Theresa.....	Vancouver, Wash.
Charlesworth, Gavena A.....	Toledo	Overlund, Ida Cora.....	Silverton
Cooksley, Dorothy.....	Portland	Pennington, Corinne.....	Toledo
Daily, Louise Harriett.....	Corvallis	Perry, Winifred H.....	Portland
Dalke, Clara Katherine.....	Aberdeen, Idaho	Perry, Marjorie S.....	Portland
Darby, Margaret.....	Portland	Quaale, Margaret Sofie.....	Carnation, Wash.
Davis, Eva Ann.....	Portland	Rahn, Reta Maxine.....	Silverton
Dickey, La Verna.....	Portland	Rickart, Florence M.....	Portland
Ek, Ellen.....	Portland	Robb, Helen Elizabeth.....	Hillsboro
Ellenberg, Zena G.....	Portland	Rosenberg, Frances Louise.....	Salem
Fairbanks, Myrtle Carolyn.....	Portland	Schwitzer, Florence Eleanor.....	Twin Falls, Idaho
Fox, Margaret Marian.....	Portland	Scott, Esther Rose.....	Portland
Gill, Pearlitta Ernestine.....	Conner, Mont.	Shively, Eulalia Frances.....	Camas, Wash.
Gossett, Fern J.....	Portland	Smith, Margaret Christina.....	Portland
Hamill, Margaret E.....	Portland	Sorensen, Mildred Edith.....	Lyle, Wash.
Hamrick, Erma Ione.....	Central Point	Staats, Elnora M.....	Oregon City
Haw, Gladys Rath.....	Portland	Stoll, Neva Helene.....	Vancouver, Wash.
Haraden, Helen Margaret.....	Vancouver, Wash.	Tistel, Elsa Marie.....	Portland
Higby, Lucile M.....	Forest Grove	Tomblin, Lila Belle.....	Portland
Hollenbeck, Alta Carolyn.....	Portland	Torrance, Kathrine E.....	Dayton, Wash.
Hugill, Mabel Iris.....	Portland	Tozier, Ila.....	Greenleaf, Idaho
Hunt, Margaret Lucille.....	Portland	Trumbull, Elizabeth Frances.....	White Pine, Mont.
Ingram, Grace Marie.....	Portland	Young, Anna Edna.....	Beaverton
Isakson, S. Hazel.....	Portland	Sister Edward Mary.....	Astoria
Jerstad, Mabel Theresa.....	Carnation, Wash.	Sister Joseph Amable.....	Portland
Johnson, Verna.....	Portland	Sister Philip Aquila.....	Portland
Johnston, Gwendolyn.....	Portland	Sister Roberta.....	Portland
Kelly, Zona Adrienne.....	Myrtle Point	Sister Ruth Marie.....	Portland
Kern, Lola G.....	Portland	Sister Stanislaus.....	Portland
Lund, Corah Viola.....	Portland		
Malmborg, Martha Christine.....	Vancouver, Wash.		

### SUMMARY

Public Health Nursing Students.....	9
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\*This includes a class of senior students from Emanuel Hospital and a class of supervisors from all Portland hospitals.

# Degrees Conferred

JUNE 12, 1933

## MEDICAL SCHOOL

### DOCTOR OF MEDICINE

Emil Josef Benz, B.S.	A. Terrence King, B.A.
Roderick C. Blatchford, A.B.	George Alexandre LeCompte, B.S.
Allen Nelson Bracher, B.A.	Herbert D. Lewis, B.A.
Joseph Brill, B.A.	Donald Malcom Long, B.S.
Carroll Cypher Carlson, B.S.	Lowell S. McGraw, B.S.
Roger W. DeBusk, B.A.	W. Charles Martin, B.S.
Edwin A. Doane, B.S.	Gunmar E. C. Nelson, B.S.
Jack W. Dowsett, B.A.	Henry Holmes Norton, B.A.
Frederick W. Durose, B.S.	Theima Perozzi, B.A.
Harriet Frances Emigh, B.S.	Dale O. Pchetteplace, B.A.
Harold Martin Erickson, B.A.	Samuel Marshall Poindexter, B.S.
John Westley Evans, B.A.	Frederick Oliver Rankin, B.A.
Melvin F. Fuller, B.S.	Ernest George Reuter, A.B.
Calvin Edward Gantenbein, B.A.	Earl S. Rhind, B.S.
Eugene Gettelman, B.S.	Milton M. Schatz, B.S.
James L. Gilleland, B.S.	Ralph J. Sewall, B.A.
Joseph Elbert Haddon, B.S.	John M. Shlach, B.A.
David M. Harris, B.S.	Courtney M. Smith, B.A.
John Matthew Havlina, B.S.	E. Noel Smith, B.A.
Orrin Richard Hess, B.S.	Florence Lillian Swanson, B.S.
Alfred H. Ilge, B.S.	Glenn Ten Eyck, B.A.
Eric Clifford Johnson, B.S.	Edward Thorstenberg, B.A.
Russell L. Johnsrud, B.A.	Harold Rowland Whiteside, B.S.
Arthur E. Johnstone, B.S.	Frank L. Wiens, B.A.
Roger H. Keane, B.S.	James W. Wiley, B.S.
Ennis Russell Keizer, B.A.	

## NURSING EDUCATION

### BACHELOR OF ARTS

Margaret Dixon	Katherine K. Morse
Helenmarr Margaret Grissom	Catharine Anna Prideaux

### BACHELOR OF SCIENCE

Alice Marie Hearn	Cecil Schreyer
Sarah Laufman	Gwendolyn Shepard
Marie Persyn	Margaret A. Tynan
Helen Rothenberger	Pauline Young

### CERTIFICATE IN PUBLIC HEALTH NURSING

Margaret Dixon	Dorothy Mary Holmes
Helen Banning Fairley	Catharine Anna Prideaux
Millicent Garnet Goodlander, B.A.	Margaret Alice Tynan
Helenmarr Margaret Grissom	Johanna Rowena Vreeland, B.A.
Alice Marie Hearn	

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