

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



University of Oregon
Medical School
Catalog Issue
1942-43

Portland, Oregon

UNIVERSITY OF OREGON
MEDICAL SCHOOL

CATALOG

1942-43



Portland, Oregon



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Oregon State System of Higher Education

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

The institutions of the State System of Higher Education are the University of Oregon at Eugene, Oregon State College at Corvallis, the Oregon College of Education at Monmouth, the Southern Oregon College of Education at Ashland, and the Eastern Oregon College of Education at La Grande. The University of Oregon Medical School, located on a separate campus in Portland, is administratively autonomous but traditionally and academically an integral part of the University of Oregon.

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

At the University and the State College two years of unspecialized work in liberal arts and sciences are provided on a parallel basis in the Lower Division. Major curricula, both liberal and professional, are grouped on either campus in accordance with the distinctive functions of the respective institutions in the unified State System of Higher Education.

State Board of Higher Education

	Term Expires
C. A. BRAND, Roseburg.....	1943
E. C. SAMMONS, Portland.....	1944
ROBERT W. RUHL, Medford.....	1945
EDGAR W. SMITH, Portland.....	1946
WILLARD L. MARKS, Albany.....	1947
R. C. GROESBECK, Klamath Falls.....	1948
MAC HOKE, Pendleton.....	1949
R. E. KLEINSORGE, Silverton.....	1950
BEATRICE WALTON SACKETT, Marshfield.....	1951

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BEATRICE WALTON SACKETT.....	Vice-President

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BEATRICE WALTON SACKETT	

FREDERICK M. HUNTER, Chancellor
CHARLES D. BYRNE, Secretary

Office of the State Board of Higher Education
Eugene, Oregon

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Executive Officers

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AUGUST LEROY STRAND, Ph.D.
President, Oregon State College

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School

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President, Oregon College of Edu-
cation

WALTER REDFORD, Ph.D.
President, Southern Oregon College
of Education

ROBEN JOHN MAASKE, Ph.D.
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MAHLON ELLWOOD SMITH, Ph.D.....Dean and Director of Lower Division
GENEVIEVE GRIFFITH TURNIPSEED, M.A.....Director of Dormitories
ADOLPH ZIEFLE, M.S., Phar.D.....Dean and Director of Pharmacy

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

ACADEMIC CALENDAR

July 1942

S	M	T	W	T	F	S
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4	5	6	7	8	9	10
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August 1942

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September 1942

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October 1942

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November 1942

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December 1942

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January 1943

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First Term (Summer), 1942-43

- June 22, *Monday*.....Registration
- June 23, *Tuesday*.....Instruction begins
- July 4, *Saturday*.....Independence Day,
a holiday
- September 5, *Saturday*.....Term ends
- September 6 to 29, *Sunday* through
Tuesday.....Fall vacation

Second Term (Fall), 1942-43

- September 30, *Wednesday*.....Examination for
removal of conditions, third-year students
- October 1, *Thursday*.....Instruction begins for
medical students
- October 1, *Thursday*.....Registration for
nursing and graduate students
- November 11, *Wednesday*.....Armistice Day,
a holiday
- November 26, *Thursday*.....Thanksgiving Day,
a holiday
- December 23, *Wednesday*.....Term ends
- December 24 to January 3, *Thursday* through
Sunday.....Christmas vacation

Third Term (Winter), 1942-43

- January 4, *Monday*.....Instruction begins for
medical students
- January 4, *Monday*.....Registration for nursing
and graduate students
- March 19, *Friday*.....Commencement
- March 20, *Saturday*.....Term ends
- March 21 to 28, *Sunday* through
Sunday.....Spring vacation

February 1943

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March 1943

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MEDICAL SCHOOL

First Term (Spring), 1943

- March 29, *Monday*.....Registration
 March 30, *Tuesday*.....Instruction begins
 May 31, *Monday*.....Memorial Day, a holiday
 June 15, *Tuesday*.....Term ends
 June 16 to 20, *Wednesday* through
SundaySpring vacation

Second Term (Summer), 1943

- June 21, *Monday*.....Instruction begins
 June 21, *Monday*.....Registration for nursing
 and graduate students
 July 5, *Monday*.....Independence Day,
 a holiday
 September 4, *Saturday*.....Term ends
 September 5 to October 6, *Sunday* through
WednesdayFall vacation

Third Term (Fall), 1943

- October 7, *Thursday*.....Instruction begins
 October 7, *Thursday*..Registration for nursing
 and graduate students
 November 25, *Thursday*...Thanksgiving Day,
 a holiday
 December 22, *Wednesday*.....Commencement
 December 23, *Thursday*.....Term ends

April 1943

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May 1943

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June 1943

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July 1943

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August 1943

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September 1943

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December 1943

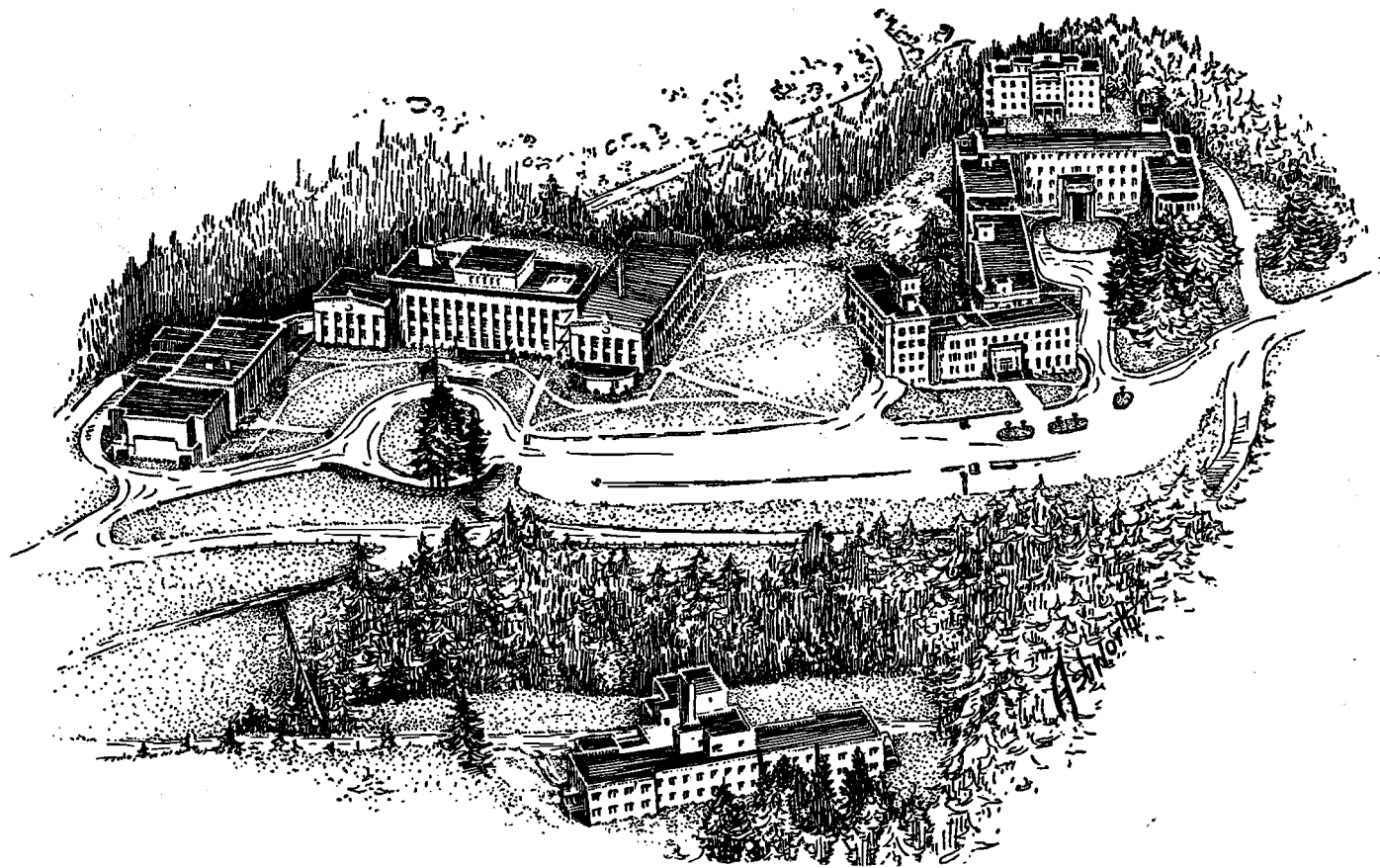
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November 1943

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October 1943

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The University of Oregon Medical School campus. Left: Medical School Library and Auditorium. Left center: Medical Science Building. Right: Doernbecher Memorial Hospital for Children; Outpatient Clinic; Multnomah Hospital; Nurses Home. Foreground: University Tuberculosis Hospital.

University of Oregon Medical School

Faculty

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Chancellor, Oregon State System of Higher Education.
DONALD MILTON ERB, Ph.D., President, University of Oregon.
RICHARD BENJAMIN DILLEHUNT, M.D., Dean of the Medical School.
DAVID W. E. BAIRD, M.D., Associate Dean of the Medical School.
RALF COUCH, A.B., Secretary of the Medical School.
LUCY DAVIS PHILLIPS, Registrar of the Medical School.
BERTHA BRANDON HALLAM, B.A., Librarian of the Medical School.

JAMES CHARLES ELLIOTT KING, M.D., Professor Emeritus of Dermatology.
ALBERT EDWARD MACKAY, M.D., Professor Emeritus of Urology.
CHARLES RICHARD McCLURE, M.D., Professor Emeritus of Orthopaedic Surgery.
JOHN E. WEEKS, M.D., Honorary Professor of Ophthalmology.
HARRY R. CLIFF, M.D., Director Emeritus, Multnomah Hospital.

Basic-Science Departments

ANATOMY

WILLIAM FITCH ALLEN, Ph.D., Professor; Head of Department.
OLOF LARSELL, Ph.D., Sc.D., Professor; Dean of the Graduate Division.
ROBERT S. DOW, M.D., Ph.D., Associate Professor.
*JOHN TROMMALD, M.D., Graduate Assistant.
ROBERT F. ANDERSON, A.B., Student Assistant.
EDWARD LALONDE, B.A., Student Assistant.
JORMA LEINASSAR, B.A., Student Assistant.
IAN MACDONALD, B.A., Student Assistant.
HILDING OLSON, B.A., Student Assistant.
JOHN PIERSON, B.A., Student Assistant.
FRED CLAUSEN, E.E., Technician.
DOROTHY JANE SCOTT, B.A., Technician.

BACTERIOLOGY

HARRY JOHNSON SEARS, Ph.D., Professor; Head of Department.
*WILLIAM LEVIN, D.P.H., Instructor.
LYLE VEAZIE, M.A., Instructor.
NICHOLAS P. SULLIVAN, M.S., Graduate Assistant.
AVIS L. VAN ZANDT, Technician.

* In service with the armed forces.

BIOCHEMISTRY

EDWARD STAUNTON WEST, Ph.D., Professor ; Head of Department.
 WILBERT R. TODD, Ph.D., Associate Professor.
 WILLIAM M. BURGET, B.A., Student Assistant.
 RAYMOND G. GRONDAHL, B.S., Student Assistant.
 FRANK K. THOMPSON, M.A., Student Assistant.
 FRANCIS L. VAN VEEN, M.S., Student Assistant.
 KSENIA P. BEETEM, B.Chem., Research Assistant.
 DORIS M. HICHET, M.S., Research Assistant.

PATHOLOGY

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 HENRY HADLEY DIXON, M.D., Clinical Professor.
 WARREN CLAIR HUNTER, M.D., Professor.
 JOHN D. MCGOVERN, M.D., Assistant Professor.
 *VINTON D. SNEEDEN, M.D., Assistant Professor.
 JOSEPH A. BEEMAN, M.D., Clinical Instructor.
 GERHARD B. HAUGEN, M.D., Clinical Instructor.
 *WENDELL H. HUTCHENS, M.D., Clinical Instructor.
 *CHARLES P. LARSON, M.D., Clinical Instructor.
 WILLIAM L. LIDBECK, M.D., Clinical Instructor.
 JOHN RAAF, M.D., Clinical Instructor.
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 *GORDON K. SMITH, M.D., Clinical Instructor.
 WILLIAM MILES WILSON, M.D., Clinical Instructor.
 STANLEY McDONALD, Lecturer.
 ROBERT W. MARCUM, M.D., Resident in Surgery.
 MARY E. THOMPSON, M.D., Noble Wiley Jones Resident.
 RUSSELL S. JONES, M.D., Assistant Resident.
 DOROTHY WHITE, M.D., Assistant Resident.
 JOHN F. LARSELL, B.A., Research Assistant.
 LILLIAN EKSTROM, Technician.
 VIOLA S. QUIGLEY, Technician.
 ELLIS A. SIMMONS, Museum Technician.
 MARY C. EDWARDS, Stenographer.
 PATRICIA A. JOHNSON, Stenographer.

PHARMACOLOGY

NORMAN A. DAVID, M.D., Professor ; Head of Department.
 JOSEPH A. BEEMAN, M.D., Clinical Instructor.
 LEE WASHINGTON DICKINSON, M.D., Instructor.
 NILKANTH PHATAK, Ph.D., Instructor.
 BEN VIDGOFF, M.D., Instructor.
 ANTON CONRAD KIRCHHOF, B.A., Student Assistant.

PHYSIOLOGY

HANCE FRANCIS HANEY, Ph.D., M.D., Professor ; Head of Department.
 WILLIAM BARTON YOUMANS, Ph.D., Professor.
 HERBERT EDWARD GRISWOLD, JR., B.A., Student Assistant.
 ANDRES INGVER KARSTENS, B.A., Student Assistant.
 MERLE PENNINGTON, B.A., Student Assistant.
 DEWEY CAMPBELL, Technician.

* In service with the armed forces.

MILITARY SCIENCE AND TACTICS

RAY W. BRYAN, M.D., Colonel Medical Corps, U.S.A., Professor.

Clinical Departments

MEDICINE

Internal Medicine

- LAURENCE SELLING, M.D., Professor; Head of Department.
 THOMAS HOMER COFFEN, M.D., Clinical Professor.
 NOBLE WILEY JONES, M.D., Clinical Professor.
 DAVID W. E. BAIRD, M.D., Associate Clinical Professor; Associate Dean.
 RALPH CHARLES MATSON, M.D., Associate Clinical Professor.
 EDWIN EUGENE OSGOOD, M.D., Associate Professor; Head of Division of Experimental Medicine.
 MATTHEW CASEY RIDDLE, M.D., Associate Professor.
 HOMER PARROTT RUSH, M.D., Associate Clinical Professor.
 CHARLES EDWIN SEARS, M.D., Associate Clinical Professor.
 ROBERT L. BENSON, M.D., Assistant Clinical Professor.
 MARR BISAILLON, M.D., Assistant Clinical Professor.
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 JOHN HAROLD FITZGIBBON, M.D., Assistant Clinical Professor.
 WESLEY EMMET GATEWOOD, M.D., Assistant Clinical Professor.
 LEON ALBERT GOLDSMITH, M.D., Assistant Clinical Professor.
 BLAIR HOLCOMB, M.D., Assistant Clinical Professor.
 CARL J. HOLLINGWORTH, M.D., Assistant Clinical Professor.
 CHARLES N. HOLMAN, M.D., Assistant Professor.
 *HOWARD P. LEWIS, M.D., Assistant Clinical Professor.
 MERL L. MARGASON, M.D., Assistant Clinical Professor.
 *FRANK REID MOUNT, M.D., Assistant Clinical Professor.
 ARTHUR SAMUEL ROSENFELD, M.D., Assistant Clinical Professor.
 *EDGAR MURRAY BURNS, M.D., Clinical Associate.
 AUBREY M. DAVIS, M.D., Clinical Associate.
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 *DONALD FORSTER, M.D., Clinical Associate.
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 JOHN R. MONTAGUE, M.D., Clinical Associate.
 MERLE WAYLAND MOORE, M.D., Clinical Associate.
 LUTHER TOWNSEND NELSON, M.D., Clinical Associate.
 *FRANK PERLMAN, M.D., Clinical Associate.
 *FRANK UNDERWOOD, M.D., Clinical Associate.
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 HAROLD AVERILL, M.D., Clinical Instructor.
 *EDMUND H. BERGER, M.D., Clinical Instructor.
 *CHARLES W. COFFEN, M.D., Clinical Instructor.
 ROSCOE E. CONKLIN, M.D., Clinical Instructor.
 RUDOLPH M. CROMMELIN, M.D., Clinical Instructor.
 NORMAN A. DAVID, M.D., Clinical Instructor.
 *SAMUEL DIACK, M.D., Clinical Instructor.

* In service with the armed forces.

*FRANK S. DIETRICH, M.D., Clinical Instructor.
 *JOHN W. EVANS, M.D., Clinical Instructor.
 MARTIN F. GILMORE, M.D., Clinical Instructor.
 MORTON GOODMAN, M.D., Instructor.
 HANCE F. HANEY, M.D., Clinical Instructor.
 *ROGER HOLCOMB, M.D., Clinical Instructor.
 *WILLARD FLETCHER HOLLENBECK, M.D., Clinical Instructor.
 JAMES CHARLES KENNEDY, M.D., Clinical Instructor.
 *CHARLES E. LITTLEHALES, M.D., Clinical Instructor.
 *THOMAS J. MATHEWS, M.D., Clinical Instructor.
 GUY R. MCCUTCHAN, M.D., Instructor.
 LEO J. MEIENBERG, M.D., Clinical Instructor.
 *JOSEPH MILLER, JR., M.D., Clinical Instructor.
 *ROBERT F. MILLER, M.D., Clinical Instructor.
 *GEORGE WILBUR MILLETT, M.D., Clinical Instructor.
 WILLIAM PANTON, M.D., Clinical Instructor.
 KEITH P. RUSSELL, M.D., Clinical Instructor.
 *FAULKNER A. SHORT, M.D., Clinical Instructor.
 JAMES T. SPEROS, M.D., Clinical Instructor.
 *WILLIAM J. SWETT, M.D., Clinical Instructor.
 BEN VIDGOFF, M.D., Clinical Instructor.
 RALF COUCH, B.A., Lecturer.
 JOHN KRYGIER, M.D., Resident.
 *JOHN E. TUHY, M.D., Resident in Thoracic Surgery.
 SHELDON DOMM, M.D., Assistant Resident in Thoracic Surgery.
 GEORGE LONG, M.D., Assistant Resident.
 WALDO MILLS, M.D., Assistant Resident in Thoracic Surgery.
 JOSEPH E. SCOTT, M.D., Assistant Resident in Clinical Laboratory.
 JEAN PHILLIPS, Dietetic Instructor.

Neurology

LAURENCE SELLING, M.D., Professor ; Head of Division.
 MERL MARGASON, M.D., Assistant Clinical Professor.
 ROBERT S. DOW, M.D., Ph.D., Clinical Instructor.
 *CHARLES O. STURDEVANT, M.D., Clinical Instructor.

Psychiatry

HENRY HADLEY DIXON, M.D., Clinical Professor ; Head of Division.
 JOHN C. EVANS, M.D., Assistant Clinical Professor.
 KNOX H. FINLEY, M.D., Assistant Clinical Professor.
 DEWITT CLINTON BURKES, M.D., Clinical Associate.
 GERHARD B. HAUGEN, M.D., Clinical Associate.
 *WENDELL H. HUTCHENS, M.D., Clinical Associate.
 *JOHN W. EVANS, M.D., Clinical Instructor.
 JOHN L. HASKINS, M.D., Clinical Instructor.
 LEWIS C. MARTIN, Ph.D., Psychologist.

Nutrition

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

* In service with the armed forces.

Dermatology and Syphilology

LYLE BOYLE KINGERY, M.D., Clinical Professor; Head of Division.
 JOYLE DAHL, M.D., Clinical Associate.
 *ALFERD ILLGE, M.D., Clinical Associate.
 JOHN HENRY LABADIE, M.D., Clinical Associate.
 *LEON F. RAY, M.D., Clinical Associate.
 THOMAS L. SAUNDERS, M.D., Clinical Associate.
 ROBERT L. DAY, M.D., Resident.

Radiology

DORWIN LEWIS PALMER, M.D., Assistant Clinical Professor; Head of Division.
 WILLIAM YOUNG BURTON, M.D., Assistant Professor.
 SHERMAN ENOS REES, M.D., Clinical Associate.
 IVAN MEDHURST WOOLLEY, M.D., Clinical Associate.
 R. WALTER JOHNSON, Lecturer.
 OTTO H. GRUNOW, M.D., Resident.
 *HERMAN F. INDERLIED, M.D., Resident.
 ELIZABETH THORNTON, M.D., Assistant Resident.
 *RALPH HAYES, R.T., Chief Technician.
 JOHN MARSH, Chief Technician.

Public Health and Preventive Medicine

ADOLPH WEINZIRL, M.D., Professor.

Dental Medicine

ARTHUR WILLIAM CHANCE, D.D.S., M.D., Associate Clinical Professor; Head of Division.
 NEIL MULVEY BAIN, D.M.D., Clinical Associate.
 MARIAN RAY DEITER, D.M.D., Clinical Associate.
 JOHN HAROLD ROSSMAN, D.M.D., Clinical Associate.
 RICHARD PAUL STRAHL, D.M.D., Clinical Associate.
 O. T. WHERRY, D.M.D., Clinical Associate.
 ROLAND F. BANKS, D.M.D., Clinical Instructor.
 SAMUEL A. BRANDON, D.D.S., Clinical Instructor.
 THOMAS S. DULIN, JR., D.M.D., Clinical Instructor.
 J. D. FINLEY, D.M.D., Clinical Instructor.
 *HENRY C. FIXOTT, JR., D.M.D., Clinical Instructor.
 RALPH LEVIS JEFFCOTT, D.M.D., Clinical Instructor.
 *ROBERT L. JEFFCOTT, D.M.D., Clinical Instructor.
 *RICHARD B. KELLER, D.M.D., Clinical Instructor.
 *FRANK LUTZ, D.M.D., Clinical Instructor.
 *WILLIAM R. PRICE, D.M.D., Clinical Instructor.
 LAWRENCE ADOLPH ROSENTHAL, D.M.D., Clinical Instructor.
 *CLYDE RYAN, D.M.D., Clinical Instructor.
 *HOWARD R. URFER, D.M.D., Clinical Instructor.
 ARTHUR F. WEEKS, D.M.D., Clinical Instructor.
 HOWARD CONRAD, D.D.S., Resident.

SURGERY

General Surgery

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

* In service with the armed forces.

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

Orthopaedic Surgery

RICHARD BENJAMIN DILLEHUNT, M.D., Clinical Professor; Head of Division.
 LEO SHERMAN LUCAS, M.D., Clinical Professor; Acting Head of Division.

* In service with the armed forces.

OTIS FRANKLIN AKIN, M.D., Clinical Professor.
 LAWRENCE NOALL, M.D., Associate Professor.
 *HARRY C. BLAIR, M.D., Assistant Clinical Professor.
 CARL ELMER CARLSON, M.D., Assistant Clinical Professor.
 E. GEORGE CHUINARD, M.D., Assistant Clinical Professor.
 *GILBERT MCKELVEY, M.D., Assistant Clinical Professor.
 *RICHARD F. BERG, M.D., Clinical Instructor.
 *JOE BRADY DAVIS, M.D., Clinical Instructor.
 GURNEY A. KIMBERLEY, M.D., Clinical Instructor.
 HAROLD E. DAVIS, M.D., Assistant Resident.
 PAUL G. HAFNER, M.D., Assistant Resident.

Ophthalmology

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

Otology, Rhinology, and Laryngology

RALPH A. FENTON, M.D., Professor; Head of Department.
 RALPH FERRIEN DAVIS, M.D., Clinical Professor.
 ROBERT BUDD KARKEET, M.D., Clinical Professor.
 FRANK B. KISTNER, M.D., Clinical Professor.
 *PAUL BAILEY, M.D., Assistant Clinical Professor.
 H. M. BOUVY, M.D., Assistant Clinical Professor.
 GUY LEE BOYDEN, M.D., Assistant Clinical Professor.
 HOWARD ERNEST CARRUTH, M.D., Assistant Clinical Professor.
 HAROLD ROY LUCAS, M.D., Assistant Clinical Professor.
 IRVING MARTIN LUPTON, M.D., Assistant Clinical Professor.
 *HENRY VICTOR ADIX, M.D., Clinical Instructor.
 CANFIELD BEATTIE, M.D., Clinical Instructor.
 *WILBUR M. BOLTON, M.D., Clinical Instructor.
 *HAROLD M. E. BOYD, M.D., Clinical Instructor.
 SQUIRE S. BOZORTH, M.D., Clinical Instructor.
 FLOYD L. DUNNAVAN, M.D., Clinical Instructor.
 *ROBERT T. HENRY, M.D., Clinical Instructor.

* In service with the armed forces.

*LESTER TALLMAN JONES, M.D., Clinical Instructor.
 LEWIS W. JORDAN, M.D., Instructor.
 *CLIFFORD KUHN, M.D., Clinical Instructor.
 PAUL TALMADGE NEELY, M.D., Clinical Instructor.
 *GEORGE C. SAUNDERS, M.D., Clinical Instructor.
 MAX SIMONS, M.D., Clinical Instructor.
 *MILTON B. STEINER, M.D., Clinical Instructor.
 *T. GLEN TEN EYCK, M.D., Clinical Fellow.
 WILLIAM H. ZAVIN, M.D., Clinical Instructor.
 BRUCE T. TITUS, M.D., Resident.

Urology

*JOHN GUY STROHM, M.D., Clinical Professor; Head of Division.
 JOHN R. HAND, M.D., Assistant Clinical Professor; Acting Head of Division.
 HENRY WELLAND HOWARD, M.D., Assistant Clinical Professor.
 FRANKLIN PARADISE JOHNSON, Ph.D., M.D., Assistant Clinical Professor.
 TYRELL GLEN McDUGALL, M.D., Clinical Associate.
 HAROLD L. BLOSSER, M.D., Clinical Instructor.
 *HUGH B. CURRIN, M.D., Clinical Instructor.
 MIRIAM LUTEN, M.D., Instructor.
 *THOMAS R. MONTGOMERY, M.D., Clinical Instructor.
 *WARREN E. NIELSEN, M.D., Clinical Instructor.
 LEONARD OFFIELD, M.D., Resident.

Anaesthesiology

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

OBSTETRICS AND GYNECOLOGY

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

* In service with the armed forces.

PEDIATRICS

JOSEPH B. BILDERBACK, M.D., Professor ; Head of Department.
 MORRIS LOUIS BRIDGEMAN, M.D., Associate Clinical Professor.
 JAMES WENDELL ROSENFELD, M.D., Associate Clinical Professor.
 LENDON HOWARD SMITH, M.D., Associate Clinical Professor.
 PAUL V. WOOLLEY, M.D., Associate Clinical Professor.
 GORHAM BABSON, M.D., Clinical Instructor.
 LEWIS D. CLARK, M.D., Clinical Instructor.
 MARIAN REED EAST, M.D., Clinical Instructor.
 *SCOTT GOODNIGHT, M.D., Clinical Instructor.
 *JOSEPH LIPSCHUTZ, M.D., Clinical Instructor.
 NELSON WALLACE MERCIER, M.D., Clinical Instructor.
 JOHN H. BENWARD, M.D., Resident.

Executive Faculty of Medical School

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

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Curriculum and Schedule—LAURENCE SELLING (chairman), DAVID W. E. BAIRD, THOMAS M. JOYCE, OLOF LARSELL, HOMER P. RUSH, WILLIAM B. YOU-MANS, RALF COUCH (ex officio).
Graduate Council—OLOF LARSELL (chairman), RALPH A. FENTON, HANCE F. HANEY, MATTHEW C. RIDDLE, EDWARD S. WEST, RUTH WHEELLOCK.
Graduation—DAVID W. E. BAIRD (chairman), WILLIAM F. ALLEN, LYLE B. KINGERY, RALF COUCH.
Henry Waldo Coe Prize—HARRY J. SEARS (chairman), LAURENCE SELLING.
Internships—WARREN C. HUNTER (chairman), NOBLE WILEY JONES, RALF COUCH.
Jones Lectureship—LAURENCE SELLING (chairman), T. HOMER COFFEN.
Library—OLOF LARSELL (chairman), NOBLE WILEY JONES, WILLIAM F. ALLEN, FRANK R. MENNE, JOHN E. WEEKS, the Librarian of the Medical School (ex officio).
Publications and Catalog—RALF COUCH (chairman), WILLIAM F. ALLEN.
Research—WILLIAM F. ALLEN (chairman), FRANK R. MENNE, HARRY J. SEARS, OLOF LARSELL, FRANK R. MOUNT, NOBLE WILEY JONES, EDWARD S. WEST.

* In service with the armed forces.

Student Health—NORMAN A. DAVID (chairman), HANCE F. HANEY, HARRY J. SEARS, DAVID W. E. BAIRD.

Scholarships—EDWARD S. WEST (chairman), FRANK R. MENNE, RALF COUCH, ELNORA E. THOMSON (Department of Nursing Education).

GRADUATE DIVISION

OLOF LARSELL, Ph.D., Sc.D., Dean and Director of Graduate Division.
EDNA WILSON, B.M., Secretary.

Administrative and Service Divisions

ADMINISTRATION

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

REGISTRAR'S OFFICE

LUCY DAVIS PHILLIPS, Registrar.
MARY C. GOSS, B.S., Secretary.

LIBRARY

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

BUSINESS OFFICE

RALF COUCH, A.B., Business Manager.
WILLIAM A. ZIMMERMAN, B.S., Office Manager.

TELEPHONE EXCHANGE

IRENE SCHUMANN, Head Telephone Operator.

BUILDINGS AND GROUNDS

WREN E. GAINES, Superintendent of Buildings and Grounds.

CLARICE ASHWORTH, Medical Illustrator.

CHARLES NORRIS, Photographer.

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

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DAVID W. E. BAIRD, M.D., Medical Director of Hospitals.
RALF COUCH, A.B., Administrator of Hospitals.
WILLIAM A. ZIMMERMAN, B.S., Assistant to the Administrator.
VADA AUMANN, Secretary.

LAURENCE SELLING, M.D., Chief of Medical Service.
THOMAS M. JOYCE, M.D., Chief of Surgical Service.
RAYMOND E. WATKINS, M.D., Chief of Obstetrical and Gynecological Service.
JOSEPH B. BILDERBACK, M.D., Chief of Pediatric Service.
RALPH A. FENTON, M.D., Chief of Otolaryngological Service.
FREDERICK A. KIEHLE, M.D., Chief of Ophthalmological Service.
HENRY H. DIXON, M.D., Chief of Psychiatric Service.
LYLE B. KINGERY, M.D., Chief of the Dermatology and Syphilology Service.
ARTHUR W. CHANCE, D.D.S., M.D., Chief of Dental Medical Service.

RICHARD B. DILLEHUNT, M.D., Chief of Orthopaedic Service.
 LEO S. LUCAS, M.D., Acting Chief of Orthopaedic Service.
 *J. GUY STROHM, M.D., Chief of Urological Service.
 JOHN R. HAND, M.D., Acting Chief of Urological Service.
 DORWIN L. PALMER, M.D., Chief of Radiological Service.
 MATTHEW C. RIDDLE, M.D., Chief of Clinical Laboratory.
 FRANK R. MENNE, M.D., Chief of Pathological Service.
 *ARTHUR C. JONES, M.D., Chief of Physical Therapy Service.
 JOHN H. HUTTON, M.D., Chief of Anaesthesia Service.

ETTA McOMBER, Chief of Admitting Service.
 MILDRED BERGHEIM, M.A., Supervisor of Medical Social Service.
 LAURA MARTIN, R.N., R.R.L., Chief Record Librarian.
 JAMES C. SHIRLEY, Ph.G., Chief Pharmacist.

Doernbecher Children's Hospital Unit

JOSEPH B. BILDERBACK, M.D., Chief of Staff
 PAUL V. WOOLLEY, M.D., Assistant Medical Director.
 ELEANOR BAIRD, B.S., R.N., Assistant Superintendent.
 GRACE PHELPS, R.N., Superintendent Emeritus.
 WILLIAM Y. BURTON, M.D., Radiologist.
 FRANK R. MENNE, M.D., Pathologist.
 MATTHEW C. RIDDLE, M.D., Chief of Clinical Laboratory.
 *ARTHUR C. JONES, M.D., Physical Therapist.

ELLEN TEVINE BADER, R.N., Admitting.
 *MARGARET DEMKE, R.N., Medical Records.
 DORA CHURCHILL, Medical Records.
 MABEL McELLIOTT, R.N., Surgery Supervisor.
 ELEANOR GAYLORD, B.S., Dietitian.
 EVELYN J. BARTON, R.N., Supervisor.
 VERA IMHOFF, R.N., Supervisor.
 MALVESON PARKER, R.N., Supervisor.

General Outpatient Unit

DAVID W. E. BAIRD, M.D., Medical Director.
 RALF COUCH, A.B., Superintendent.
 VALENTINE PRITCHARD, Assistant Superintendent.
 WILLIAM Y. BURTON, M.D., Radiologist.
 *RALPH HAYES, B.S., R.T., Chief X-ray Technician.
 JOHN MARSH, Chief X-ray Technician.
 MATTHEW C. RIDDLE, M.D., Director of Clinical Laboratory.
 VIDA FATLAND, M.T., Chief Laboratory Technician.
 FRANK R. MENNE, M.D., Pathologist.
 *ARTHUR C. JONES, M.D., Physical Therapist.
 ESTHER GILLETTE, R.N., Physical Therapy Technician.
 JOHN H. HUTTON, M.D., Anaesthetist.
 MARY E. STARKWEATHER, B.A., R.N., Supervisor of Nurses.

* In service with the armed forces.

MILDRED BERGHEIM, M.A., Supervisor of Social Service.
 JAMES C. SHIRLEY, Ph.G., Pharmacist.
 ETTA McOMBER, Admitting Officer.
 LAURA MARTIN, R.N., R.R.L., Record Librarian.
 JEAN PHILLIPS, Dietitian.

Multnomah Hospital Unit

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

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

ETHEL KATHERINE SEARS, R.N., Supervisor of Nurses.
 ALICE SHARP, R.N., Surgery Supervisor.
 MARY DAVIDSON, R.N., Admitting Department.
 EDNA TATRO, R.N., Medical Records.
 PAULINE FISHER, B.S., R.N., Dietitian
 JAY UNDERHILL, B.S., Ph.G., Pharmacist.

Tuberculosis Hospital Unit

RICHARD BENJAMIN DILLEHUNT, M.D., Dean.
 DAVID W. E. BAIRD, M.D., Medical Director.
 RALF COUCHE, A.B., Administrator.
 MARGARET M. SARGENT, R.N., Superintendent.

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

LAURENCE SELLING, M.D., Professor of Medicine.
 THOMAS M. JOYCE, M.D., Kenneth A. J. Mackenzie Professor of Surgery.
 RAYMOND E. WATKINS, M.D., Professor of Obstetrics and Gynecology.
 JOSEPH B. BILDERBACK, M.D., Professor of Pediatrics.
 RALPH A. FENTON, M.D., Professor of Otolaryngology.
 FREDERICK A. KIEHLE, M.D., Professor of Ophthalmology.

* In service with the armed forces.

RICHARD B. DILLEHUNT, M.D., Clinical Professor of Orthopaedic Surgery.
 LEO S. LUCAS, M.D., Clinical Professor of Orthopaedic Surgery.
 *J. GUY STROHM, M.D., Clinical Professor of Urology.
 JOHN R. HAND, M.D., Assistant Clinical Professor of Urology.
 ARTHUR W. CHANCE, D.D.S., M.D., Associate Clinical Professor of Dental
 Medicine.

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

Visiting Physician Service

RANDALL WHITE, M.D., Multnomah County Physician.
 ANTON D. ELMER, M.D., Physician.
 MAURICE M. COLLINGS, M.D., Physician.
 SOPHIA WARNER, M.D., Physician.
 CATHERINE MOLLENHOUR, R.N., Nurse.
 LOIS BRADFORD, R.N., Nurse.

Child Guidance Clinic

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

STATE EXTENSION—CHILD GUIDANCE

HENRY H. DIXON, M.D., Chief Psychiatrist.
 *WENDELL H. HUTCHENS, M.D., Psychiatrist.
 GERHARD B. HAUGEN, M.D., Psychiatrist.
 KNOX H. FINLEY, M.D., Psychiatrist.
 ALLAN EAST, M.A., Social Service.
 MARTHA REIS, Secretary.

Crippled Children's Division

LEWIS D. CLARK, M.D., Director.
 ALYCE BLOOM, R.N., Orthopaedic Nurse Consultant.
 MARGARET SIMPSON, R.N., Orthopaedic Nurse Consultant.
 IRNA GARNER, Medical Social Consultant.
 *HARLAND SHANK, Auditor.
 CAROLYN HOOPMAN, Fiscal Worker.
 MARIE MOONEY, Secretary.

* In service with the armed forces.

The Medical School

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

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

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

The Medical School and the War

THE Medical School has mobilized for war service. Its instructional programs have been accelerated and reorganized to train more doctors and nurses for the armed forces in as short a time as possible. Special postgraduate instruction is being offered for physicians in Army service. In cooperation with city, county, and state agencies, a comprehensive civilian-defense medical program has been organized for the care of casualties in case of invasion. An Army hospital unit has been organized by the Medical School and is now in active service. Research on medical problems of special wartime importance is under way. The school and its faculty are assisting in the physical examination of men called under the selective-service program.

The strenuous tempo of the war program requires great self-sacrifice by both students and faculty. Vacations have been virtually abolished for the duration. Faculty members have willingly accepted increased teaching loads to maintain the accelerated curriculum and to carry on the work of the many instructors who have enlisted for Army and Navy service, and cannot be replaced.

By October 1942, a total of 114 members of the Medical School faculty were on duty in the Medical Corps of the Army and Navy. Of these, 55 are members of the staff of the 46th General Hospital, the University of Oregon Medical School Army Medical unit.

Forty-Sixth General Hospital. This unit served in World War I as Base Hospital No. 46 at Bazoilles-sur-Meuse, France. It entered active service in World War II on July 15, 1942 and was ordered to Fort Riley, Kansas for training. In addition to physicians, 100 nurses and 100 enlisted men were recruited in

Oregon for the 46th General Hospital. Four hundred more enlisted men were attached to the unit at Fort Riley. The chief administrative officers of the unit are: Colonel J. Guy Strohm, clinical professor of urology, commanding officer; Lieutenant Colonel Frank R. Mount, assistant clinical professor of medicine, chief of the Medical Service; Lieutenant Colonel Dean B. Seabrook, assistant professor of surgery, chief of the Surgical Service.

Location

PORTLAND (population 375,000), situated on the Willamette River near its junction with the Columbia, is a modern city of diverse business and industrial activities. Although 100 miles from the Pacific, Portland is an important seaport. The city is known for its beautiful homes, parks, and boulevards, and for its equable climate. The foothills of the Cascade Mountains rise on the outskirts of the city. Mount Hood, one of the major peaks of the range, towers on the southeastern horizon.

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

Campus and Buildings

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

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

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

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

The **Doernbecher Memorial Hospital for Children** (1926) was financed through a gift of \$200,000 in 1924 by Mrs. E. W. Morse and Mr. Edward Doernbecher in memory of their father, the late Mr. F. S. Doernbecher. This fund was augmented by other gifts totaling \$120,000. The hospital contains 70 beds for children. It provides exceptional facilities for the care of sick and disabled children committed to the Medical School by the counties of the state under the Children's Hospital Service Law.

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

The **Multnomah Hospital** (1923), constructed by the commissioners of Multnomah County, has a capacity of 280 beds and serves as one of the teaching units of the Medical School. The Multnomah Hospital group includes also the Nurses Home (1927) and the Heating Plant (1923).

The **University State Tuberculosis Hospital** (1939) is the newest unit of the Medical School hospitals and clinics. It has an 80-bed capacity and a large outpatient unit. Funds for the hospital were provided by a state appropriation of \$110,000, a Public Works Administration grant of \$130,900, and a gift from Mrs. Grace R. Meier, Jack Meier, Mrs. Joseph Ehrman, Jr., and Mrs. Frederick Ganz, in memory of Mr. Julius L. Meier, husband and father. The outpatient clinic of the hospital is called the Julius L. Meier Memorial Clinic.

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

Clinical and Special Facilities

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

Multnomah Hospital. The first unit of the Multnomah Hospital was opened in 1923. This unit, built at a cost of approximately \$1,000,000, embodies the most modern conceptions of a teaching hospital. It is a general charity hospital and accommodates 280 beds. Contemplated additional units will increase the capacity to 500 beds.

Under the terms of a contractual agreement between the commissioners of Multnomah County and the University of Oregon, the Medical School has access to the hospital for teaching purposes and the director of the hospital is a University

official. The director of the hospital appoints the profesisonal staff, from nominations by the Medical School. The arrangement provides a most successful affiliation for teaching, research, and the care of the sick.

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

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

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

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

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

Autopsy Service and Pathological Museum. Under a contractual agreement with the Multnomah County commissioners, the Department of Pathology of the Medical School is designated to perform and record all coroner's autopsies. Approximately 600 autopsies are performed a year. This arrangement materially augments the Pathological Museum and affords unusual opportunity for teaching in pathology and medical jurisprudence, besides assuring authoritative records for medicolegal purposes. The Museum has gross and tissue specimens numbering many thousands.

Library

THE Medical School Library contains more than 32,000 volumes and receives 418 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 Multnomah County Medical Society contribute annually toward its maintenance.

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

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

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

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

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

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

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

Admission and Requirements

BECAUSE of changes necessitated by the accelerated war program application for admission to the Medical School should be made not less than seven months prior to date of matriculation of the class for which application is made. For example, applications for admission to the class entered in January should be made by May 1, etc. Notice of acceptance of application is accompanied by an original and a duplicate matriculation card. The original is to be presented on registration day. The duplicate must be returned not later than two weeks following receipt, with a matriculation fee of \$5.00 and a deposit of \$20.00 to reserve a place in the entering class. The deposit of \$20.00 applies toward the tuition fee of the first term. It is not refundable after a period of thirty days following notice of acceptance.

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

(1) **High-School Preparation.** Applicants for admission are required to have satisfactorily completed four years in an accredited high school, or its equivalent.

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

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

(2) **Collegiate Preparation.** Under changed wartime requirements, prospective students may complete the necessary collegiate preparation in two calendar years of four terms each. A total of 123 term hours of college work, exclusive of credit in military science, in an accredited institution is required for admission.

The following work is prescribed as the minimum meeting the requirements in the subjects indicated.

	Term hours
Chemistry	23
General inorganic, which may include qualitative analysis.....	12
Quantitative analysis, emphasis on volumetric analysis.....	3
Organic	8
Biology	17
General biology or zoology	9
Vertebrate anatomy	8
Physics	12
Mathematics	6
English	9
French or German	12
Total prescribed credit	79

The work in organic chemistry must include the chemistry of both aliphatic and aromatic compounds. Biochemistry will not be accepted toward meeting the requirements. Students electing additional work are advised to take a course in elementary physical chemistry. At least 25 per cent of all chemistry credit must be received for laboratory work.

Human anatomy is not accepted toward meeting the minimum requirements in biology. Students electing additional work are advised to take courses in embryology or general physiology.

The work in physics must include the divisions of mechanics, heat and sound, light and electricity. Students electing additional work are advised to take further courses in electricity.

The work in mathematics should be of standard college grade, and include subjects such as algebra, elementary analysis, or trigonometry. Students electing additional work in mathematics are advised to take work in calculus.

Recommended Elective Subjects. The student preparing to study medicine is advised to plan a balance in elective courses between courses in liberal arts, and courses beyond the minimum requirements, in subjects prescribed for admission to the Medical School. Subjects suggested are: history, economics, sociology, psychology, English, public speaking, foreign language, mathematics, biology, embryology, general physiology, physics (especially electricity), and elementary physical chemistry. A total of 44 term hours in this group is required.

For the duration of the war an accelerated program has been established whereby the number of students in the entering class has been increased to meet the requirements of the Army and Navy. Selection is made upon the basis of scholarship, thoroughness of preparation, and personal fitness for the profession.

Further changes in "Admission and Requirements" may become effective soon through inauguration of the specialized training program of the Army, Navy, and War Manpower Commission.

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

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

The University of Oregon, Oregon State College, and most of the colleges and universities of the Pacific Northwest recognize credit earned by a student during his first year at the Medical School as credit earned in residence toward the bachelor's degree.

Special Students. Special students having the degree of Bachelor of Arts or Bachelor of Science and other qualifications in point of experience may be admitted to certain courses in the Medical School upon recommendation by the head of the department concerned to the Committee on Admissions, subject to approval by the dean. Academic credit will not be granted for such work in

clinical subjects unless, upon the recommendation of the Committee on Admissions, the candidate is registered in the Graduate Division of the State System of Higher Education. Graduates in medicine may register as special students in any course. No graduates in medicine are accepted as candidates for the degree of Doctor of Medicine.

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

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

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

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

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

Fourth-year students must receive passing grades in all subjects of the fourth-year curriculum, and must pass an oral examination in medicine, surgery, and obstetrics and gynecology.

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

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

M.A., M.S., and Ph.D. Degrees. The Medical School offers graduate instruction leading to the Master of Arts, Master of Science, and Doctor of Philosophy degrees in the medical sciences: anatomy, bacteriology, biochemistry, pathology, pharmacology, and physiology. The Medical School admits as candidates for graduate degrees in these fields only those students who are preparing for a professional career in medicine or allied fields, such as dentistry, nursing, and work as a medical or dental technician. Work toward these degrees is offered as an integral part of the work of the Graduate Division of the Oregon State System of Higher Education, and is subject to the rules and regulations of the Graduate Division.

Fees and Deposits

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

REGULAR FEES

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

GRADUATE FEES³

Tuition and fees for graduate students registered for 7 or more term hours of work, per term	\$21.50
Tuition and fees for graduate students registered for 6 term hours of work or less	\$4.00 per term hour, with a minimum of \$10.00 a term
Building fee for graduate students registered for 7 or more term hours of work, per term	\$5.00

DEPOSITS

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

SPECIAL FEES

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

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

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

³ Graduate students do not pay a nonresident fee.

⁴ See under ADMISSION AND REQUIREMENTS.

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

MICROSCOPES

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

FEE REFUNDS

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

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

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

REGULATIONS GOVERNING NONRESIDENT TUITION

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

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

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

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

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

Fellowships, Scholarships, Loan Funds, Prizes

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

Kenneth A. J. Mackenzie Memorial Scholarships. Five \$200 scholarships are awarded annually for the study of medicine, in accordance with the following plan: one \$200 scholarship is awarded each year to the outstanding pre-medical student at the University of Oregon in the last year of his premedical studies; if the student enters the University of Oregon Medical School and continues to maintain a high scholastic record, the scholarship is renewable for each of his four years of medical training; if the student does not maintain a high scholastic record at the Medical School, his scholarship is transferred to the outstanding member of his Medical School class who has taken his premedical work at the University of Oregon. The scholarships are a memorial to Dr. Kenneth A. J. Mackenzie, former dean of the Medical School; they are endowed through a bequest from the late Mildred Anna Williams.

Pohl Memorial Scholarship. This fellowship was endowed in 1936 by Dr. Esther Pohl Lovejoy, in memory of her husband, Dr. Emil Pohl, and her son, Frederick Clayton Pohl. It is awarded to a student of promise in the field of medicine. The original gift was \$5,000. Dr. Lovejoy is increasing the endowment with additional annual gifts.

State Scholarships. In accordance with special authorization from the Legislature, the State Board of Higher Education awards annually a limited number of scholarships to students in the institutions of the State System who rank high in scholastic attainment and who need financial assistance. These scholarships cover tuition. Recipients must pay the building fee, the matriculation fee, and special fees. Award of State Scholarships to students at the Medical School is made by the Committee on High-School Relations of the State System of Higher Education, upon recommendation of the dean and the Scholarship Committee of the Medical School. Applications should be sent to the dean not later than February 15, 1943 for the class entering March 29, 1943, and not later than November 15, 1943 for the class entering January 3, 1944.

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

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

W. K. Kellogg War Loan Fund. In May 1942, the W. K. Kellogg Foundation established a \$10,000 war loan fund at the University of Oregon Medical School. Loans are made to first- and second-year students who have demonstrated scholastic ability, character, and need and show promise of becoming practicing physicians in the armed forces of the United States. The usual loan is \$250. Loans are administered through the Dean's Office.

U. S. Office of Education War Loan Fund. In October 1942, a congressional appropriation made available loans not to exceed \$500 per year for medical students who will graduate within two years from the time they receive the loan and who maintain a satisfactory standard of scholarship and are in need of assistance. Loans are administered through the Dean's Office.

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

Henry Waldo Coe Prize. This prize, founded in 1929, is awarded to a second-, third-, or fourth-year student in the Medical School who presents an

essay on a medical subject exhibiting superiority and originality in composition. The prize consists of the interest on a gift of \$1,000 from the late Dr. Henry Waldo Coe.

University of Oregon Loan Funds. Except in the case of a few funds which are specifically restricted to University students at Eugene, students at the Medical School are eligible for loans from University student loan funds on the same basis as students on the campus at Eugene. For loan regulations see the general University Catalog.

Endowment Funds

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

The Widmer Memorial Research Fund (1939) was made available through a gift from Gertrude E. and Margaret M. Widmer, residents of Eugene, in memory of their parents and brother. The invested capital amounts to \$16,000. The income from this fund is to be utilized for the purposes of research and treatment of cancer and heart disease.

The Kenneth A. J. Mackenzie Memorial Fund (1940), amounting to \$250,000, was given to the University of Oregon by the late Mildred A. Williams in memory of Dr. Kenneth A. J. Mackenzie. Of the annual income of this fund, \$1,000 is devoted to scholarships for premedical and medical students and the remainder (approximately \$7,000) is devoted to the support of the Department of Surgery.

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

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

teenth in 1940, by Dr. Herbert M. Evans, professor of anatomy and Herzstein professor of biology, University of California; and the fourteenth in 1941, by Dr. Bradley M. Patten, professor and director of the Department of Anatomy, University of Michigan.

E. C. Brown Trust Fund. The income from this fund, established under the will of the late Dr. E. C. Brown, supports a state-wide program of social-hygiene education. The program is administered by the President of the University of Oregon through the Division of Public Health and Preventive Medicine of the Medical School.

Student Health

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

Fraternal and Honor Societies

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

Alumni Association

THE Medical School Alumni Association includes the graduates of the Medical School and of the Willamette University department of medicine, which was merged with the University of Oregon Medical School in 1913. A strong organization has been built up, devoted to the interests of students and graduates and to the encouragement of scientific and professional progress among members of the association and in the medical profession generally. With the faculty of the Medical School, the association is cooperating to build up in Portland a great medical center. The officers of the Alumni Association for 1942-43 are:

DR. CARL G. ASHLEY, Portland.....	President
DR. LLOYD TEGART, Portland	Vice-President
DR. FREDERICK B. JOY, Seattle.....	Vice-President
DR. ARCHIE PITMAN, Hillsboro	Vice-President
DR. F. C. ADAMS, Klamath Falls.....	Vice-President
DR. MARTIN A. HOWARD, Portland	Secretary
DR. WALTER BRODIE, Portland.....	Treasurer

Curriculum in Medicine

THE curriculum in medicine, under the accelerated program, requires a total of at least eight terms of collegiate premedical work, followed by twelve terms (four academic years) of instruction in the Medical School, all of which is completed in five calendar years. Since facilities for instruction provide for the acceptance of only a limited number of applicants, completion of the premedical years does not guarantee admission to the Medical School.

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

The prescribed and recommended subjects for the undergraduate sessions—*i.e.*, premedical instruction—are described under **ADMISSION AND REQUIREMENTS**. In the first, second, third, and fourth sessions at the Medical School there are 4,620 hours of required work. Elective courses may be taken with the permission of the instructor in any term for which they are scheduled. Descriptions of courses are to be found under the several departmental headings.

The Accelerated War Program. In accordance with the national policy, the University of Oregon Medical School has accelerated the training of physicians for the armed forces. The first session of the accelerated program began in June 1942. By eliminating summer vacation periods, twelve terms of work will be given in three calendar years instead of four. The dates for academic years are as follows:

June 22, 1942 to March 20, 1943
 March 29, 1943 to December 23, 1943
 January 3, 1944 to September 2, 1944

Admission requirements and the curriculum remain essentially the same as before the war, except as they may be modified by the specialized training program of the Army, Navy, and War Manpower Commission.

PRESCRIBED WORK

	Aggregate hours				Term hours
	Lecture	Lab.	Clinic	Total	
First Year					
An 411, 412, 413.....Anatomy	99	297	.....	396	18
An 414.....Histology	33	99	.....	132	6
An 415.....Embryology	22	66	.....	88	4
An 511.....Neurology	22	66	.....	88	4
Bac 413.....Bacteriology	33	99	.....	132	6
BCh 411, 412.....Biochemistry	66	165	.....	231	11
Phy 412.....Physiology	33	66	.....	99	5
Mil 411, 412, 413.....Military	33	.....	.....	33	3
	341	858	.....	1,199	57
Second Year					
Bac 414.....Bacteriology	22	66	.....	88	4
Pth 511, 512.....Pathology	66	198	.....	264	12
Phc 511, 512.....Pharmacology	110	66	.....	176	12
Phy 411, 413.....Physiology	66	132	.....	198	10
Med 612, 613, 614.....Medicine (Phys. Diag.)	66	.....	44	110	7
Med 511.....Medicine (Lab. Diag.)	33	99	.....	132	6
Ps 611.....Neuropathology and Psychopathology	11	.....	.....	11	1
Sur 610.....First Aid	22	.....	.....	22	2
Sur 611.....Surgery	22	.....	.....	22	2
Mil 414, 415, 416.....Military	33	.....	.....	33	3
	451	561	44	1,056	59

		Third Year		Aggregate hours			Term hours
		Lec- ture	Lab.	Clin- ic	To- tal		
PATHOLOGY:							
Pth 514.....	Gynecological and Obstetrical Pathology.....	11	22	.....	33	1½	
Pth 515.....	Laboratory Neuropathology .....	.....	22	.....	22	1	
MEDICINE:							
Med 617, 618, 619.....	Clerkships .....	.....	.....	132	132	12	
Med 620, 621, 622.....	Medical Clinic .....	.....	.....	33	33	3	
Med 665, 666, 667.....	Medical Ward Rounds .....	.....	.....	33	33	1½	
Med 668, 669, 670.....	Practice of Medicine	198	.....	.....	198	18	
Ps 613, 614.....	Psychopathology	22	.....	.....	22	1	
Der 611, 612, 613.....	Dermatology and Syph. Clinic.....	.....	.....	33	33	1½	
RADIOLOGY:							
Rad 611, 612, 613.....	Radiographic Diagnosis	33	.....	.....	33	1½	
PUBLIC HEALTH AND PREVENTIVE MEDICINE:							
PH 511.....	Principles of Public Health.....	33	.....	.....	33	3	
SURGERY:							
Sur 612, 613.....	Recitation	44	.....	.....	44	2	
Sur 615.....	Physiotherapy	11	.....	.....	11	½	
Sur 640, 641, 642.....	Clerkships .....	.....	.....	66	66	3	
Sur 643, 644, 645.....	Surg. Clinics .....	.....	.....	66	66	3	
Sur 646, 647, 648.....	Clerkship Clinic	33	.....	.....	33	1½	
Sur 649.....	Operative Surgery	22	.....	.....	22	1	
Sur 661, 662.....	Anaesthesia	22	.....	.....	22	1	
Orp 611.....	Orthopaedics	22	.....	.....	22	1	
Orp 612, 613.....	Surgery of Extremities .....	.....	.....	44	44	2	
OPHTH., OTOL., RHIN., LARYN.:							
Eye 611.....	Ophth. Lectures	11	.....	.....	11	½	
Ent 611.....	O. R. and L. Lectures.....	11	.....	.....	11	½	
UROLOGY:							
Ur 611.....	Lectures	11	.....	.....	11	½	
OBSTETRICS:							
Obs 611.....	Intro. Lec. and Demon.	22	.....	.....	22	1	
Obs 612.....	Lect. and Demon.	22	.....	.....	22	1	
Obs 613.....	Path. Preg., Labor, and Puerp.....	22	.....	.....	22	1	
Obs 614.....	Five days' service in hospital.....	.....	.....	11	11	½	
Obs 615.....	Manikin	22	.....	.....	22	1	
GYNECOLOGY:							
Gyn 611.....	Lectures	22	.....	.....	22	1	
Gyn 612.....	Lectures	22	.....	.....	22	1	
Gyn 613.....	Clerkships .....	.....	.....	33	33	1½	
PEDIATRICS:							
Ped 611, 612, 613.....	An. Ph. Hy. Inf. Ch. Clinic.....	22	.....	11	33	1½	
Ped 614, 615, 616.....	Dis. of Inf. and Ch.....	33	.....	.....	33	1½	
Ped 617.....	Clerkships .....	.....	.....	22	22	1	
Ped 618.....	Physical Diagnosis .....	.....	.....	11	11	½	
		671	44	495	1,210	73	

Fourth Year

PATHOLOGY:							
Pth 611.....	Autopsy Clinic .....	.....	.....	22	22	1	
Pth 613.....	Gen. Path. Conf. .....	.....	.....	33	33	1½	
Pth 615.....	Tumor Clinic .....	.....	.....	33	33	1½	
MEDICINE:							
Med 624, 625, 626.....	Med. Outpatient Clinic .....	.....	.....	132	132	6	
Med 627, 628, 629.....	Med. Clinic .....	.....	.....	33	33	1½	
Med 631.....	Contagious Diseases .....	.....	.....	6	6	½	
Med 632, 633, 634.....	General Clinic .....	.....	.....	33	33	1½	
Med 635.....	Tuberculosis Clinic .....	.....	.....	22	22	1	
Med 636.....	Diabetes, Metabol. and Endocr.....	.....	.....	22	22	1	
Med 645.....	Cardiac Clinic .....	.....	.....	22	22	1	
Med 651.....	Medical Jurisprudence	11	.....	.....	11	½	

	Aggregate hours			Term hours
	Lecture	Lab.	Clinic	
Med 658.....Allergy Clinic .....	.....	11	.....	1
Med 661.....Medical Economics	11	.....	.....	1 ½
Med 664.....Tuberculosis Clerkship	11	.....	.....	1
Med 671.....Occupational Med. and Toxicology.....	11	.....	.....	1
Med 672, 673, 674.....Medical Clinics .....	.....	33	33	1 ½
Neu 614.....Nervous Dis. Clinic .....	.....	11	11	½
Neu 615.....Nerv. and Mental Clinic .....	.....	11	11	½
Ps 615.....Psychiatry Clerkship .....	.....	11	11	½
Ps 619.....Psychoses	11	.....	.....	½
Der 615.....Dermatology .....	.....	33	33	1 ½
Der 616.....Derm. Syph. Clinic .....	.....	33	33	1 ½
SURGERY:				
Sur 617, 618.....Outpatient Clinic .....	.....	66	66	3
Sur 620.....Conference .....	.....	22	22	1
Sur 621.....Gen. Surg. Clinic .....	.....	22	22	1
Sur 622.....Gen. Surg. Clinic .....	.....	22	22	1
Sur 623, 624, 625.....Gen. Surg. Clinic .....	.....	66	66	3
Sur 663.....Clerkship in Anaesthesia .....	.....	11	11	½
Orp 616.....Orp. Outpatient Clinic .....	.....	33	33	1 ½
OPHTH., OTOL., RHIN., LARYN.:				
Eye 612.....Ophth. Outpatient Clinic .....	.....	33	33	1 ½
Eye 613.....Ophth. Lecture	11	.....	.....	½
Ent 612.....O. R. and L. Outpatient Clinic.....	.....	33	33	1 ½
Ent 613.....O. R. and L. Lecture	11	.....	.....	½
UROLOGY:				
Ur 612, 613.....Clinic .....	.....	22	22	1
Ur 614.....Outpatient Clinic .....	.....	44	44	2
OBSTETRICS:				
Obs 616.....Clinic .....	.....	22	22	1
Obs 617.....Outpatient Service (ten days' service in hospital and home deliveries).....	.....	33	33	1 ½
Obs 618.....Postnatal Clinic .....	.....	5	5	½
Obs 619, 620, 621.....General Clinic .....	.....	33	33	1 ½
Obs 622.....Clerkships .....	.....	11	11	½
GYNECOLOGY:				
Gyn 614.....Outpatient Clinic .....	.....	22	22	1
Gyn 615.....Ward Walks and Clinic.....	.....	11	11	½
PEDIATRICS:				
Ped 619.....Clinic .....	.....	33	33	1 ½
Ped 622, 623, 624.....Dis. Inf. and Child.	33	.....	.....	1 ½
	110	1,045	1,155	54 ½

RECAPITULATION

	Aggregate hours			Total	Term hours
	Lecture	Laboratory	Clinic		
First Year	341	858	.....	1,199	57
Second Year	451	561	44	1,056	59
Third Year	671	44	495	1,210	73
Fourth Year	110	.....	1,045	1,155	54 ½
	1,573	1,463	1,584	4,620	243 ½

PRESCRIBED WORK BY DEPARTMENTS

	Preclinical	Aggregate of hours
Anatomy	704
Bacteriology	220
Biochemistry	231
Physiology	297
Pharmacology	176
Pathology	264
Military Science	66
Total hours, preclinical	1,958

Clinical	
Pathology	143
Medicine:	
General Medicine (including Preventive Medicine).....	974
Nervous and Mental Diseases	22
Psychiatry	55
Dermatology and Syphilology	99
Radiology	33
Medical Jurisprudence	11
Medical Economics	11
Public Health	33
Surgery:	
General Surgery	517
Orthopaedics	99
Ophthalmology	55
Otolaryngology, Rhinology, Laryngology	55
Urology	77
Gynecology	110
Obstetrics	203
Pediatrics	165
Total hours, clinical	2,662
Total hours prescribed work	4,620

Course-Numbering System

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

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

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

- | | |
|----------------|------------------------------|
| 501. Research. | 505. Reading and Conference. |
| 503. Thesis. | 507. Seminar. |

Basic-Science Departments

ANATOMY

REQUIRED COURSES

FIRST YEAR

An 411, 412, 413. Gross Anatomy. 6 hours first term, 8 hours second term, 4 hours third term.

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

An 414. Histology and Organology. 6 hours first term.

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

An 415. **Embryology.** 4 hours second term.

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

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

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

ELECTIVE COURSES

An 416. **Microscopic Technique.** 2 hours second term.

Limited to 12 students. Registration only after consultation with instructor. Laboratory, 6 hours; 66 hours. Dr. Larsell.

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

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

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

Drs. Allen and Larsell.

An 507. **Seminar and Journal Club.** Any term, hours to be arranged.

Anatomical staff and advanced students. Dr. Allen.

An 512. **Advanced Histology.** Second term, hours to be arranged.

Prerequisites: An 414, 415. Laboratory, 6 hours or less. Limited to twenty students. Dr. Larsell.

An 513. **Topographical Anatomy.** 1 or 2 hours third term.

Prerequisites: An 411, 412, 413. Limited to fifteen students. Laboratory, 3 or 6 hours; 33 or 66 hours. Dr. Allen and assistant.

An 514. **Special Dissections.** Term and hours to be arranged.

Registration limited by available material. Prerequisites: An 411, 412, 413.

An 516. **Mechanism of the Central Nervous System Studied from Lesions.** First term, hours to be arranged.

Prerequisite: An 511. Laboratory, 3 to 6 hours. Limited to eight students. Dr. Allen.

An 517. **Comparative Neurology.** Second or third term, hours to be arranged.

Lectures, conferences, and laboratory. Dr. Larsell.

An 611. **Applied Anatomy.** 2 hours third term.

Prerequisites: An 411, 412, 413. Lectures and demonstrations, 1 hour; 22 hours. Limited to fifteen students. Drs. Gius and McKirdie.

BACTERIOLOGY

REQUIRED COURSES

FIRST YEAR

Bac 413. **Medical Bacteriology and Immunology.** 6 hours third term.

Lectures and recitations, 3 hours; laboratory, 9 hours; 132 hours. Dr. Sears and Mr. Sullivan.

SECOND YEAR

- Bac 414. **Medical Bacteriology and Immunology.** 4 hours first term.
Lectures and recitations, 2 hours; laboratory, 6 hours; 88 hours. Dr. Sears and Mr. Sullivan.

ELECTIVE COURSES

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

BIOCHEMISTRY

REQUIRED COURSES

FIRST YEAR

- BCh 411, 412. **Biochemistry.** 11 hours total, first and second terms.
Three lectures and 6 hours laboratory; 3 lectures and 9 hours laboratory; 231 hours. Drs. West and Todd, and assistants.

ELECTIVE COURSES

- BCh 501. **Biochemistry Research.** Any term, hours to be arranged.
Drs. West and Todd.
- BCh 505. **Reading and Conferences.** Any term, hours to be arranged.
Dr. West.
- BCh 507. **Seminar.** Any term, hours to be arranged.
- BCh 512. **Advanced Biochemistry.** Third term, hours to be arranged.
The work consists of biochemical preparations, selected methods of analysis, assigned readings, and conferences. Prerequisites: BCh 411, 412. Dr. West.
- BCh 513. **Selected Topics in Biochemistry.** 1 hour first term.
Biochemical material presented in this course provides additional training in the field as related to clinical medicine; 1 hour; 11 hours. Drs. West and Todd.
Laboratory Diagnosis. Required for second-year students; see Med 511.

PATHOLOGY**REQUIRED COURSES****SECOND YEAR**

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

THIRD YEAR

- Pth 514. Gynecological and Obstetrical Pathology.** 1½ hours first term.
Lectures, 1 hour; laboratory, 2 hours; 33 hours. Drs. Menne, Hunter, Lidbeck, Wilson, and assistants.
- Pth 515. Laboratory Neuropathology.** 1 hour first term.
Continuation of Ps 611; consists of laboratory work and demonstrations dealing with inflammatory reactions and degenerative conditions, with emphasis on general paresis, tabes dorsalis, and brain tumors. Gross pathological specimens and demonstrations are used in illustrating the diseases studied. One two-hour period for 22 hours. Drs. Dixon, Larson, Raaf, and assistants.

FOURTH YEAR

- Pth 611. Autopsy Clinic.** 1 hour third term.
Studies of autopsies, including presentation of clinical history. Two hours; 22 hours. Drs. Hunter and Gatewood.
- Pth 613. General Pathology Conference.** ½ hour each term.
One hour a week throughout the year; 33 hours. Staffs of the departments of Pathology, Medicine, Surgery, and Obstetrics and Gynecology.
- Pth 615. Tumor Clinic.** ½ hour each term.
One hour a week throughout the year; 33 hours. Staffs of the departments of Pathology, Medicine, Surgery, and Obstetrics and Gynecology.
- Medical Jurisprudence.* Required for fourth-year students; see Med 651.

ELECTIVE COURSES

- Pth 501. Research.** Any term, hours to be arranged.
Open to specially qualified students. Dr. Menne or Dr. Hunter.
- Pth 505. Reading and Conferences.** Any term, hours to be arranged.
Dr. Menne.
- Pth 516. Advanced Systemic Pathology.** Any term, hours to be arranged.
Study of the detached pathology of one system. Dr. Menne or Dr. Hunter.
- Pth 517. Advanced Pathological Histology.** Any term, hours to be arranged.
Systematic study of microscope sections of autopsy tissues. Open to students who have had at least one term's work in pathology. Dr. Menne.

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

Dr. Hunter.

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

Opportunity offered to students each term to elect autopsy attendance with instruction. Such students are required to assist and to make detailed suggestions. Limited to 20 students. Drs. Menne and Hunter, and assistants.

PHARMACOLOGY

REQUIRED COURSES

SECOND YEAR

Phc 511. Systematic Pharmacology and Prescription Writing. 6 hours second term.

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

Phc 512. Systematic Pharmacology and Pharmacodynamics. 6 hours third term.

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

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

ELECTIVE COURSES

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

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

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

Dr. David.

Phc 507. Seminar. 2 hours third term.

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

Phc 514. Toxicological Analysis. 2 hours third term.

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

PHYSIOLOGY

REQUIRED COURSES

FIRST YEAR

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

Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Haney, Youmans, and assistants.

SECOND YEAR

Phy 411. Blood, Circulation, and Respiration. 5 hours first term.

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

Phy 413. Nervous System and Senses. 5 hours second term.

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

ELECTIVE COURSES

Phy 414. History of Physiology. 1 hour second term.

One hour a week. Limited to 10 students. Dr. Haney.

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

Drs. Haney and Youmans.

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

Drs. Haney and Youmans.

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

Phy 511. Physiology of the Glands of Internal Secretion. 2 hours third term.

Prerequisites: Phy 411, 412, 413. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Limited to 8 students. Dr. Haney.

Phy 513. Physiology of the Autonomic Nervous System. 1 hour first term.

Devoted primarily to problems concerning the physiology of the peripheral autonomic nervous system, including the transmission of impulses at autonomic synapses and neuroeffector junctions. Attention given to the production, action, and destruction of the neurohormones. Reports and discussion. Limited to 15 students. 1 hour; 11 hours. Dr. Youmans.

MILITARY SCIENCE AND TACTICS

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

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

Instruction is given by lectures, demonstrations, and quizzes. No drill is required; uniforms are not worn during the school year. Students in the Advanced Course (third and fourth years) are paid a commutation of subsistence amounting to approximately \$130.

REQUIRED COURSES

Mil 411, 412, 413. Basic Course (First Year). 1 hour each term.

Mil 414, 415, 416. Basic Course (Second Year). 1 hour each term.

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

ELECTIVE COURSES

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

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

Students who complete the work of the Advanced Course will be eligible on graduation for a commission in the Officers' Reserve Corps. Work during the school year covers: hygiene, sanitation, control of communicable diseases, history and development of hospitals, hospitalization, school of the officer, medical and surgical diseases peculiar to war, aviation medicine, and allied subjects. A summer camp of six-weeks duration at which the student is paid \$1.00 per day, and at which subsistence, shelter, uniforms, and medical service are furnished as well as transportation to and from camp, is normally a part of the Advanced Course, and is taken after the second or third year. For the duration of the war plus six months, the summer camps have been discontinued. Commutation of subsistence is paid at the end of each calendar quarter at the rate of 25 cents per day commencing with the first day of the third year and terminating the day of graduation. Holidays and vacation periods are included. Graduates are commissioned as first lieutenants, Medical Section, Organized Reserve Corps, U. S. Army. Colonel Bryan.

Clinical Departments

MEDICINE

INTERNAL MEDICINE

REQUIRED COURSES

SECOND YEAR

Med 511. **Laboratory Diagnosis**. 6 hours third term.

Lectures, 3 hours; laboratory, 9 hours; 132 hours. Drs. Osgood, West, and assistants.

Med 612, 613, 614. **Physical Diagnosis**. 2 hours first and second terms; 3 hours third term.

Lectures, 66 hours (total); demonstration, 44 hours (total); 110 hours. Drs. Osgood, Goodman, Hollingworth, Margason, Mayer, and Speros.

THIRD YEAR

Med 617, 618, 619. **Clinical Clerkship**. 4 hours each term.

Sections of the third-year class are assigned to the medical service of the Multnomah Hospital throughout the year; 44 hours each term, 132 hours. Drs. Osgood, Goodman, and Mayer.

Med 620, 621, 622. **Medical Clinic**. 1 hour each term.

Multnomah Hospital. One hour throughout the year, in sections; 33 hours. Drs. Gatewood, Rosenfeld, and Wilson.

Med 665, 666, 667. **Medical Ward Rounds**. ½ hour each term.

Presentation and discussion of cases at the bedside. Multnomah Hospital. One hour a week, throughout the year, in sections; 33 hours. Drs. Brill, Coffen, Gatewood, Goldsmith, Holman, N. W. Jones, Montague, Osgood, Riddle, Rush, and Wilson.

Med 668, 669, 670. Practice of Medicine. 6 hours each term.

Systematic study of various medical disorders. The subject is divided into natural groups according to systems, each field being discussed separately, with emphasis on anatomy, physiology, clinical manifestations, and therapy. Lectures, 6 hours; 198 hours. Drs. Selling, Riddle, Chance, Fitzgibbon, Margason, Mayer, Moore, Osgood, Rosenfeld, Rush, Wilson, and Woolley.

FOURTH YEAR

Med 624, 625, 626. Medical Outpatient Clinic. 2 hours each term.

Four hours throughout the fourth year; 132 hours. Drs. Riddle, Clark, Crommelin, David, Davis, Gilmore, Haney, Hollingworth, Holman, Long, McCutchan, Manville, Margason, Mayer, Nelson, Panton, Scott, Vidgoff, and Weinzirl.

Med 627, 628, 629. Medical Clinic. $\frac{1}{2}$ hour each term.

Tuberculosis Hospital. Diseases of the chest. One hour throughout the year; 33 hours. Drs. Matson, Speros, and Domm.

Med 631. Contagious Diseases. Outpatient Service. $\frac{1}{2}$ hour.

Students are assigned throughout the year to accompany the city health physician to home and hospital cases of contagious diseases; 6 hours. Dr. Zavin.

Med 632, 633, 634. General Medical Clinic. $\frac{1}{2}$ hour each term.

Multnomah Hospital. One hour a week throughout the year; 33 hours. Drs. Jones and Sears.

Med 635. Tuberculosis Clinic. 1 hour, one section each term.

Outpatient Clinic. Four hours a week for $5\frac{1}{2}$ weeks, throughout the year, in sections; 22 hours. Drs. Goodman and Speros.

Med 636. Diabetes, Metabolism, and Endocrinology. 1 hour, one section each term.

Lecture and conference, 2 hours a week for one term. Outpatient Clinic. Throughout the year, in sections; 22 hours. Drs. Holcomb, Crommelin, and Vidgoff.

Med 645. Cardiac Clinic. 1 hour, one section each term.

Outpatient Clinic. 2 hours a week for one term, throughout the year, in sections; 22 hours. Drs. Davis, Goldsmith, and Haney.

Med 651. Medical Jurisprudence. $\frac{1}{2}$ hour third term.

Eleven hours. Drs. Menne, Hunter, Beeman, and the district attorney of Multnomah County.

Med 658. Allergy Clinic. 1 hour, second or third term.

Outpatient Clinic. Second or third term, in sections, 11 hours. Dr. Benson.

Med 661. Medical Economics. $\frac{1}{2}$ hour.

Lectures on medical economics; 11 hours. Mr. Couch and Dr. Kiehle.

Med 664. Tuberculosis Clerkship. 1 hour, one section each term.

Tuberculosis Hospital. Two hours a week for $5\frac{1}{2}$ weeks, throughout the year, in sections; 11 hours. Drs. Domm and Mills.

Med 671. Occupational Medicine and Toxicology. 1 hour, second term.

Disorders arising from exposure to various toxic substances encountered in industry, and disorders resulting from the use of poisons. Lectures, 11 hours. Drs. David, Beeman, and Mayer.

Med 672, 673, 674. **Medical Clinics.** ½ hour each term.

Multnomah Hospital. Demonstrations, one hour a week, throughout the year, in sections; 33 hours. Drs. Brill, Goldsmith, and Krygier.

ELECTIVE COURSES

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

Med 649. **Tuberculosis Control Clinic for Children.** ½ hour any term.
(Fourth year.) 11 hours. Limited to 4 students. Dr. Speros.

Med 659. **Electrocardiography.** ½ hour, first term.
Lectures on electrocardiography. 11 hours. Drs. Rush and Haney.

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

NEUROLOGY

REQUIRED COURSES

FOURTH YEAR

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

Neu 615. **Clinic.** ½ hour, one section each term.
Sections of the fourth-year class are assigned to the neurological service of the Multnomah Hospital. Throughout the year, in sections; 11 hours. Dr. Selling.

PSYCHIATRY

REQUIRED COURSES

SECOND YEAR

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

THIRD YEAR

Ps 613, 614. **General Psychiatric Lectures.** ½ hour each term, second and third terms.

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. Drs. Dixon and Haskins.

Laboratory Neuropathology. (See Pth 515.)

FOURTH YEAR

Ps 615. **Clinic and Clerkship.** ½ hour, one section each term.

Case demonstration and treatment in clinic. One hour; 11 hours. Dr. Dixon.

Ps 619. **Psychoses.** ½ hour first term.

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

ELECTIVE COURSE

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

(Fourth year.) One hour a week for one term; 11 hours. Limited to 8 students. Dr. Dixon.

DERMATOLOGY AND SYPHILOLOGY

REQUIRED COURSES

THIRD YEAR

Der 611, 612, 613. **Dermatology and Syphilology Clinic.** ½ hour each term.

One hour each week devoted to presentation of clinical cases, with detailed discussion of etiology, symptomatology, and differential diagnosis. One hour a week throughout the year; 33 hours. Drs. Kingery, Dahl, Day, Labadie, and Saunders.

FOURTH YEAR

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

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

Der 616. **Syphilis Outpatient Clinic.** 1½ hours, one section each term.

Two hours a day, three times a week for 5½ weeks; 33 hours. Drs. Dahl, Day, Labadie, and Saunders.

RADIOLOGY

REQUIRED COURSE

THIRD YEAR

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

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

ELECTIVE COURSE

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

(Third year.) Lectures of a practical nature; the principles of radiography, and actual demonstration of technic; 11 hours. Limited to 20 students. Mr. Johnson.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

REQUIRED COURSE

THIRD YEAR

PH 511. Principles of Public Health. 3 hours second term.

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. Dr. Weinzirl.

SURGERY**GENERAL SURGERY**

REQUIRED COURSES

SECOND YEAR

Sur 610. First Aid. 2 hours any term.

Emergency treatment to be given before the arrival of a doctor in cases of accident or physical injury. Lectures and demonstrations, 2 hours; 22 hours. Drs. Gius and Noall.

Sur 611. Recitation. 2 hours third term.

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

THIRD YEAR

Sur 612, 613. Recitation. 1 hour each term, first and second terms.

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

Sur 615. Physiotherapy. ½ hour.

Lectures and demonstrations; 11 hours.

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

Multnomah Hospital. Throughout the year; 66 hours. Drs. Gius and McKirdie.

Sur 643, 644, 645. Surgical Clinic. 1 hour each term.

Multnomah Hospital; 2 hours throughout the year, in sections, in connection with clerkships; 66 hours. Drs. Hand, Martzloff, Noall, Pease, Raaf, and Swinney.

Sur 646, 647, 648. Clerkship Clinic. ½ hour each term.

Conference course, covering surgical clerkship and assignments. Throughout the year, 33 hours. Dr. Gius.

Sur 649. Operative Surgery. 1 hour, one section each term.

Operative work upon animals; 2 hours a week throughout the year in sections; 22 hours. Dr. Gius.

FOURTH YEAR

Sur 617, 618. Outpatient Clinic. 3 hours (total), 1½ terms.

Two hours twice a week for one term, and 2 hours twice a week for 5½ weeks; 66 hours. Drs. Gius, Gurney, McKirdie, Nisbet, Pease, Ray, and Swinney.

- Sur 620. **Surgical Conference.** 1 hour, one section each term.
Two hours a week throughout the year in sections; 22 hours. Drs. Dodson, Gambee, Gius, and St. Pierre.
- Sur 621. **General Surgical Clinic.** 1 hour, one section each term.
Two hours a week throughout the year, in sections; 22 hours. Dr. Rockey.
- Sur 622. **General Surgical Clinic.** 1 hour, one section each term.
Two hours a week throughout the year, in sections; 22 hours. Dr. Holden.
- Sur 623, 624, 625. **General Surgical Clinic.** 1 hour each term.
Multnomah Hospital. Two hours a week throughout the year; 66 hours. Dr. Joyce.

ELECTIVE COURSES

- Sur 601. **Research.** Any term, hours to be arranged.
- Sur 627. **Proctology Lectures.** $\frac{1}{2}$ hour third term.
(Third year.) Prerequisite to Sur 628; 11 hours. Dr. Bollam.
- Sur 628. **Proctology.** $\frac{1}{2}$ hour any term.
(Fourth year.) A clinic of diseases of rectum and colon. Prerequisite: Sur 627. 11 hours. Limited to 4 students. Drs. Bollam, Laird, and Smalley.
- Sur 630. **Surgical Lesions of the Gastro-Intestinal Tract.** $\frac{1}{2}$ hour third term.
(Third year.) Lecture and demonstration course on diagnosis, pathology, and treatment; 11 hours.
- Sur 631. **Surgery of the Visceral Nervous System.** $\frac{1}{2}$ hour second term.
(Fourth year.) Lectures and demonstrations; 11 hours. Dr. Livingston.
- Sur 633. **Pain: Its Relation to Diagnosis.** $\frac{1}{2}$ hour second term.
(Fourth year.) 11 hours. Dr. Livingston.
- Sur 634. **Minor Surgery.** $\frac{1}{2}$ hour first term.
(Third year.) Lectures and demonstrations; 11 hours. Dr. Gius.
- Sur 635. **Differential and Regional Neurosurgical Diagnosis and Therapeutics.** $\frac{1}{2}$ hour second term.
(Fourth year.) Lectures and demonstrations; 11 hours. Limited to 12 students. Dr. Raaf.
- Sur 636. **Acute Abdominal Lesions.** $\frac{1}{2}$ hour third term.
(Fourth year.) Lectures; 11 hours. Dr. Gambee.
- Sur 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

ORTHOPAEDIC SURGERY

REQUIRED COURSES

THIRD YEAR

- Orp 611. **Orthopaedic Surgery.** 1 hour first term.
Lectures, 2 hours a week; 22 hours. Dr. Noail.

Orp 612, 613. **Surgery of the Extremities.** 1 hour each term, second and third terms.

Systematic lectures and demonstrations dealing chiefly with fractures and other traumatic disorders of the extremities. The upper extremity is covered in one term, the lower in the other. Lectures and clinics, 2 hours; 44 hours. Drs. Akin and Noall.

FOURTH YEAR

Orp 616. **Orthopaedic Outpatient Clinic.** 1½ hours each term.

One hour three times a week for 11 weeks; throughout the year, in sections; 33 hours. Drs. Carlson, Chuinard, Kimberley, Lucas, and Noall.

ELECTIVE COURSE

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

(Fourth year.) Shriners' Hospital for Crippled Children. General ward rounds upon patients in the hospital, with discussion of the cases and methods of orthopaedic treatment in deformities of children; 2 hours; 22 hours. Limited to 20 students. Dr. Lucas.

OPHTHALMOLOGY

REQUIRED COURSES

THIRD YEAR

Eye 611. **Eye.** ½ hour third term.

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

FOURTH YEAR

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

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

Eye 613. **Eye.** ½ hour third term.

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

ELECTIVE COURSES

Eye 614. **Principles and Practice of Refraction.** ½ hour third term.

(Fourth year.) Lectures and case work, designed to instruct students in testing for glasses and in the use of the ophthalmoscope; 11 hours. Limited to 8 students. Dr. Taylor.

Eye 615. **Advanced Ophthalmology.** ½ hour first term.

(Fourth year.) Injuries and diseases; 11 hours. Limited to 4 students. Dr. Hendershott.

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

(Fourth year.) Multnomah Hospital; 11 hours. Limited to 8 students. Dr. Johnston.

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

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

OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

REQUIRED COURSES

THIRD YEAR

Ent 611. **Ear, Nose, and Throat.** $\frac{1}{2}$ hour first term.
Lectures, recitations, and daily quizzes; 11 hours. Dr. Lupton.

FOURTH YEAR

Ent 612. **Ear, Nose, and Throat Outpatient Clinic.** $1\frac{1}{2}$ hours, one section each term.

Practical instruction in examination and treatment of cases; 6 hours, $5\frac{1}{2}$ weeks; 33 hours. Drs. Beattie, Boyd, Boyden, Bouvy, Carruth, Fenton, Jordan, Kistner, Lucas, Neely, Simons, and Titus.

Ent 613. **Ear, Nose, and Throat.** $\frac{1}{2}$ hour second term.

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

ELECTIVE COURSES

Ent 614. **Advanced Otolaryngology.** $\frac{1}{2}$ hour third term.

(Fourth year.) 11 hours. Limited to 6 students. Drs. Davis, Fenton, Kistner, and Titus.

Ent 615. **Advanced Rhinology.** $\frac{1}{2}$ hour first term.

(Fourth year.) One hour a week; 11 hours. Limited to 4 students. Dr. Davis or Dr. Fenton.

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

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

UROLOGY

REQUIRED COURSES

THIRD YEAR

Ur 611. **Diseases Affecting the Genito-Urinary Tract.** $\frac{1}{2}$ hour third term.
Lectures, 1 hour; 11 hours. Dr. Johnson.

FOURTH YEAR

Ur 612, 613. **Urological Clinic.** $\frac{1}{2}$ hour each term, first and second terms.

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

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

Five and one-half weeks throughout the year, in sections; 8 hours; 44 hours. Drs. Hand, Johnson, Lutten, McDougall, and Offield.

ANAESTHESIOLOGY

REQUIRED COURSES

THIRD YEAR

Sur 661, 662. **Lectures on Anaesthesia.** $\frac{1}{2}$ hour each term, second and third terms.

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

FOURTH YEAR

Sur 663. **Clerkship in Anaesthesia.** $\frac{1}{2}$ hour, one section each term.

Observation of anaesthetic procedures in the operating room, and directed supervision in assisting the administration of the various types of anaesthesia. Two hours a week for $5\frac{1}{2}$ weeks; 11 hours. Drs. Hutton and Noble.

ELECTIVE COURSE

Sur 607. **Anaesthesia Seminar.** $\frac{1}{2}$ hour.

(Third year.) Discussion of special methods, such as regional anaesthesia and diagnostic blocks; actual case histories from the standpoint of anaesthetic procedures; experimental reports and reading assignments. Limited to 12 students. One hour a week for one term; 11 hours. Dr. Hutton.

OBSTETRICS AND GYNECOLOGY

OBSTETRICS

REQUIRED COURSES

THIRD YEAR

Obs 611. **Introductory Obstetrics.** 1 hour first term.

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

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

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

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

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

Obs 614. **Attendance at Deliveries.** $\frac{1}{2}$ hour any term.

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

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

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

Obstetrical Pathology. (See Pth 514.)

FOURTH YEAR

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

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

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

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

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

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

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

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

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

Multnomah Hospital; 2 hours a week for 5½ weeks; 11 hours. Dr. Fearl.

ELECTIVE COURSES

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

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

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

GYNECOLOGY

REQUIRED COURSES

THIRD YEAR

Gyn 611. **Gynecology.** 1 hour second term.

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

Gyn 612. **Gynecology.** 1 hour third term.

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

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

Multnomah Hospital; sections; 33 hours. Drs. Fearl, R. P. Neilson, and Whitely.

Gynecological Pathology. (See Pth 514.)

FOURTH YEAR

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

ELECTIVE COURSES

- Gyn 601. **Research.** Any term, hours to be arranged.
- Gyn 618. **Postoperative and Gynecological Endocrinology.** 1 hour any term.
(Fourth year.) Outpatient Clinic. Attendance at Outpatient Clinic one 2-hour period each week; 22 hours. Limited to 8 students. Drs. Blatchford, Fearl, Stearns, and Watkins.
- Gyn 660. **Outpatient Clinic.** Any term, hours to be arranged in accordance with the requirements in the regular Outpatient Clinic course.
(Fourth year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

PEDIATRICS

REQUIRED COURSES

THIRD YEAR

- Ped 611, 612, 613. **Anatomy, Physiology, Hygiene of Infancy and Childhood.** ½ hour each term.
Lectures, clinics, and bedside instruction on diseases of the newly born and diseases of nutrition. Practical work in infant feeding, Albertina Kerr Nursery. Lectures, 22 hours; clinic, 11 hours; 33 hours. Dr. Smith.
- Ped 614, 615, 616. **Diseases of Infancy and Childhood.** ½ hour each term.
A comprehensive sequence in diseases of children. Recitations, lectures, and clinical demonstration. One amphitheater clinic each week throughout the entire school year, with cases selected from the wards of the Doernbecher Hospital. 33 hours. Drs. Bilderback, Bridgeman, Margason, Woolley, and Zavin.
- Ped 617. **Clerkships.** 1 hour, one section each term.
Doernbecher Hospital. Throughout the year; in sections; 22 hours. Dr. Woolley.
- Ped 618. **Physical Diagnosis in Children.** ½ hour, one section each term.
Lectures, clinics, and demonstrations at the Waverly Baby Home and Doernbecher Hospital. One hour a week, throughout the year, in sections; 11 hours. Dr. Bridgeman.
- Psychopathology and Symptoms of Various Mental Reaction Types and Behavior Disorders of Children.* (See Ps 613, 614.)

FOURTH YEAR

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

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

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

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

ELECTIVE COURSES

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

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

Outpatient Clinic; 22 hours. Limited to 2 students. Dr. Woolley.

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

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

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

Department of Nursing Education

Faculty

- ELNORA E. THOMSON, R.N., F.A.P.H.A., Professor; Director of Nursing Education.
- RUTH WHEELOCK, M.A., R.N., Associate Professor; Assistant Director of Department of Nursing Education.
- HENRIETTA DOLTZ, M.S., R.N., Associate Professor of Nursing Education.
- JOHANNA EGGERS, M.A., R.N., Associate Professor of Nursing Education.
- ELIZABETH MCKINLEY, M.A., Associate Professor of Nursing Education.
- GRACE PHELPS, R.N., Associate Professor Emeritus of Nursing Education.
- MAISIE V. WETZEL, M.S., R.N., Associate Professor of Nursing Education.
- ELEANOR BAIRD, B.S., R.N., Assistant Professor; Assistant Superintendent of Doernbecher Hospital.
- BEATRICE V. FRED, M.A., R.N., Assistant Professor of Nursing Education.
- LUCILE HIGBY, B.A., R.N., Assistant Professor of Nursing Education.
- ETHEL KATHERINE SEARS, B.S., R.N., Assistant Professor of Nursing Education.
- MARY TOY, B.A., R.N., Assistant Professor of Nursing Education.
- NOVA YOUNG, R.N., Assistant Professor of Nursing Education.
- ELIZABETH ABDERHOLDEN, R.N., Instructor in Nursing Education.
- ELLEN TEVINE BADER, R.N., Instructor in Nursing Education.
- EVELYN JORDAN BARTON, R.N., Instructor in Nursing Education.
- HELEN SHONYO CRUIKSHANK, B.S., R.N., Instructor in Nursing Education.
- ELIZABETH DEMENT, B.S., R.N., Instructor in Nursing Education.
- LUCILLE DORRIS, R.N., Instructor in Nursing Education.
- PAULINE FISHER, B.S., R.N., Instructor in Nursing Education.
- AMY GAMACHE, R.N., Instructor in Nursing Education.
- ELEANOR GAYLORD, B.S., Instructor in Nursing Education.
- RUBY GOFF, B.S., R.N., Instructor in Nursing Education.
- BEATRICE GREENWALT, R.N., Instructor in Orthopaedic Nursing; Superintendent, Shriners' Hospital.
- CHARLOTTE GRUNOW, R.N., Instructor in Nursing Education.
- VERA IMHOFF, R.N., Instructor in Nursing Education.
- CLARA MCPHERSON, R.N., Instructor in Nursing Education.
- HARRIETT MCRAY, B.A., R.N., Instructor in Nursing Education.
- CARMEN MANLOVE, R.N., Instructor in Nursing Education.
- GUELI OLSON, B.S., R.N., Instructor in Nursing Education.
- MALVESON PARKER, B.S., R.N., Instructor in Nursing Education.
- AGNES PARRISH, R.N., Instructor in Nursing Education.
- WINIFRED H. PERRY, R.N., Instructor in Nursing Education.
- ELIZABETH PETERS, B.A., R.N., Instructor in Nursing Education.
- FREDA AL PETERSON, M.A., R.N., Instructor in Nursing Education.
- RUTH REMLEY, R.N., Instructor in Nursing Education.
- MARY SANDER, B.S., R.N., Instructor in Nursing Education.
- MARGARET SARGENT, R.N., Instructor in Nursing Education.
- ALICE SHARF, R.N., Instructor in Nursing Education.
- MARY E. STARKWEATHER, B.A., R.N., Instructor in Nursing Education.
- CLAUDINE EASTERDAY WATERSON, B.S., R.N., Instructor in Nursing Education.

NORMAN A. DAVID, M.D., Professor of Pharmacology.
 HANCE FRANCIS HANEY, Ph.D., M.D., Professor of Physiology.
 OLOF LARSELL, Ph.D., Sc.D., Professor of Anatomy.
 FRANK RAYMOND MENNE, M.D., Professor of Pathology.
 HARRY J. SEARS, Ph.D., Professor of Bacteriology.
 ADOLPH WEINZIRL, M.D., F.A.P.H.A., Professor of Public Health and Preventive Medicine.
 EDWARD STAUNTON WEST, Ph.D., Professor of Biochemistry.
 JOHN A. GIUS, M.D., Associate Professor of Surgery.
 IRA A. MANVILLE, M.D., Ph.D., Associate Clinical Professor of Nutrition.
 LAWRENCE NOALL, M.D., Associate Professor of Orthopaedic Surgery.
 LENDON HOWARD SMITH, M.D., Associate Clinical Professor of Pediatrics.
 PAUL V. WOOLLEY, JR., M.D., Associate Professor of Pediatrics.
 CANFIELD BEATTIE, M.D., Assistant Clinical Professor of Ophthalmology.
 JOHN D. MCGOVERN, M.D., Assistant Professor of Pathology.
 HOWARD C. STEARNS, M.D., Assistant Clinical Professor of Obstetrics and Gynecology.
 *WENDELL H. HUTCHENS, M.D., Clinical Associate in Psychiatry.
 RODERICK C. BLATCHFORD, M.D., Clinical Instructor in Obstetrics and Gynecology.
 CLIFFORD FEARL, M.D., Clinical Instructor in Obstetrics and Gynecology.
 CHARLES N. HOLMAN, M.D., Instructor in Medicine; Assistant Medical Director, Multnomah Hospital Unit.
 LEWIS W. JORDAN, M.D., Clinical Instructor in Otolaryngology.
 LYLE VEAZIE, M.A., Instructor in Bacteriology and Hygiene.
 RONALD P. NEILSON, M.D., Resident in Obstetrics and Gynecology.
 LEONARD OFFIELD, M.D., Resident in Urology.

E. C. DRESCHER, M.D., P.A. Surgeon, U. S. P. H. S., Lecturer.
 CLYDE GETZ, M.A., Field Consultant for Child Welfare Services, State Public Welfare Commission, Lecturer.
 THOMAS L. MEADOR, M.D., Health Officer, Bureau of Health, City of Portland, Lecturer.
 ETHEL MEALEY, M.A., Director of Health Education, Bureau of Child Hygiene, Oregon State Board of Health, Lecturer.

RAYMOND GRONDAHL, B.S., Student Assistant in Organic and Biochemistry.
 DORIS M. HIGHET, M.S., Student Assistant in Organic and Biochemistry.
 NICHOLAS P. SULLIVAN, M.S., Student Assistant in Bacteriology.
 DONNA TOWSON, B.S., Secretary.

Supervisors of Affiliated Field Work in Public Health Nursing

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

*In service with the armed forces.

Executive Faculty of Department of Nursing Education

RICHARD B. DILLEHUNT, Dean of the Medical School; DAVID W. E. BAIRD, Associate Dean, Medical Director of Hospitals and Clinics; ELNORA E. THOMSON, Director of Department; RUTH WHEELLOCK, Assistant Director of Department; HENRIETTA DOLTZ, Associate Professor of Nursing Education; HARRY JOHNSON SEARS, Professor of Bacteriology; RALPH ALBERT FENTON, Clinical Professor of Otolaryngology; IRA ALBERT MANVILLE, Director of Nutritional Research Laboratory; RAYMOND E. WATKINS, Clinical Professor of Obstetrics and Gynecology; RALF COUCH, Secretary of the Medical School (ex officio).

STANDING COMMITTEES

Admissions and Academic Requirements—ELNORA THOMSON (chairman), OLOF LARSELL, IRA A. MANVILLE, RUTH WHEELLOCK, LUCY D. PHILLIPS.

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

General Information

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

ADMISSION

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

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

STUDENT LIVING

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

STUDENT HEALTH

Nursing students must have sound physical and mental health. Before being admitted to clinical work, students are required to take a health examination, including a tuberculin test. A satisfactory health record, on an official form furnished by the department, is required for admission to clinical work. Before admission to the clinical unit, all students must be inoculated against smallpox, typhoid fever, and diphtheria.

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

LOAN FUNDS

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

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

The W. K. Kellogg Foundation War Loan Fund of \$4,000 is available to students who need assistance in entering or maintaining themselves in nurses' training. Loans are made upon recommendation of the head of the Department of Nursing Education. The maximum loan is \$300 in any year. The funds are loaned in accordance with the rules and regulations of the Medical School.

GRADING SYSTEM

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

FEEES AND DEPOSITS

For students at University or State College:

Total tuition and fees, per term (resident).....	\$34.50
Total tuition and fees, per term (nonresident).....	\$84.50

For nursing students at Medical School:

Tuition per term hour	\$3.00 (minimum, \$10.00; maximum, \$45.00)
Nonresident fee, per term (in addition to tuition; paid by undergraduate students carrying 7 term hours of work or more who are not residents of Oregon)	\$20.00
*Matriculation fee	\$5.00
Building fee, per term (for all students carrying 7 term hours or more).....	\$5.00

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

Students who do not pay their fees at the time of registration will be permitted to pay during the first week of school without penalty. Those who pay after the first week of school will be assessed an accumulative penalty of 25 cents a day during the second week, after which time their registration is subject to cancellation, and a \$2.00 reinstatement fee is assessed.

Degree Curriculum in Nursing Education

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

The student in this curriculum takes her first four terms of work at the University of Oregon at Eugene, at Oregon State College at Corvallis, or at another accredited college or university. This is followed by eleven terms in the Department of Nursing Education on the campus of the University of Oregon Medical School in Portland. The work in Portland is coordinated with clinical education in the Multnomah Hospital School of Nursing and in the Doernbecher Memorial Hospital for Children, both located on the Medical School campus.

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

FOUR-YEAR DEGREE CURRICULUM

Bachelor of Science

First Year—University or State College or other accredited college or university

	Term hours			
	Fall	Winter	Spring	Summer
English Composition	3	3	3	—
English Literature	3	3	—	3
Zoology or Biology	3(4)	3(4)	3(4)	—
General Chemistry	4	4	4	—
Physical Education	1	1	1	1
Psychology	—	—	3	3
American History and Government	2	2	2	—
Electives	—	—	—	10
	16(17)	16(17)	16(17)	17

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

Second Year—Medical School

	Term hours			
	Fall	Winter	Spring	Summer
Anatomy (An 311)	4	—	—	—
Bacteriology (Bac 328)	6	—	—	—
Organic Chemistry (Ch 356)	4	—	—	—
Biochemistry (Ch 357)	—	4	—	—
Physiology (Phy 312)	—	4	—	—
Elementary Nursing Arts (Nur 211)	—	9	—	—
Elementary Pharmacology (Phc 213)	3	—	—	—
Pharmacology (Phc 329)	—	—	3	—
Professional Adjustments (Nur 130)	—	1	—	—
Nutrition (Nur 327)	—	—	2	—
Diet in Disease (Nur 369)	—	—	—	2
Pathology (Pth 314)	—	—	—	3
Nursing in Med. & Surg. Diseases (Nur 314, 315)	—	—	2	2
Nurs. Clinics in Med. & Surg. Diseases (Nur 317, 318)	—	—	3	3
Clinical Practice in Med. & Surg. Nursing (Nur 351, 352)	—	—	4	4
Nursing Care Studies (Nur 313)	—	—	2	—
	17	18	16	14

Third Year—Medical School

Clinical Practice in Diets (Nur 368)	—	—	—	4
Nursing in Med. & Surg. Diseases (Nur 316)	3	—	—	—
Nursing Clinics in Med. & Surg. Diseases (Nur 319)	3	—	—	—
Operating Room Technique (Nur 344)	1	—	—	—
Clin. Practice in Operating Room Tech. (Nur 343)	4	—	—	—
Psychiatric Nursing (Nur 413)	3	—	—	—
Public Health & Commun. Diseases (Nur 335, 336)	2	3	—	—
Intro. to Methods in P. H. Nursing (Nur 443)	—	—	—	3
Modern Social & Health Movements (Nur 347)	—	—	—	4
Obstetrical Nursing (Nur 412)	—	4	—	—
Clinics in Obstetrical Nursing (Nur 439)	—	2	—	—
Clin. Practice in Obst. Nursing (Nur 442)	—	4	—	—
Pediatric Nursing (Nur 415)	—	—	4	—
Clinics in Pediatrics (Nur 440)	—	—	2	—
Behavior Aspects of Child Conduct (Nur 487)	—	—	3	—
Clinical Practice in Pediatric Nursing (Nur 441)	—	—	4	—
	16	13	13	11

Fourth Year—Medical School

Clin. Practice in Med. & Surg. Nursing (Nur 353)	4	—	—	—
Introduction to Case Work Methods (Nur 416)	—	3	—	—
History of Nursing (Nur 410)	—	3	—	—
Contemporary Trends (Nur 411)	3	—	—	—
Survey of Field (Nur 414)	—	—	3	—
Seminar (Nur 407)	2	2	2	—
Technique in Ward Administration (Nur 458)	—	4	—	—
Clin. Practice in Ward Admin. (Nur 446)	—	4	—	—
Isolation Nursing Tech. (Nur 349)	—	—	2	—
Clin. Practice in Tuberculosis & Isolation Nursing (Nur 350)	—	—	4	—
	9	16	11	—

Graduate Curricula in Nursing Education

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

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

If the student in public health nursing is a candidate for the bachelor's degree, she may be allowed forty-five term hours of academic credit for three years of

nursing education, provided the school of nursing from which she graduated meets the admission requirements of the department.

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

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

Three-Term Curriculum. Prerequisites for entrance are: (1) a baccalaureate degree and graduation from an accredited school of nursing which meets the admission requirements of the department, nurse registration, and formal acceptance by the director of the Department of Nursing Education after consideration of previous academic work, record of experience, age, personality, and other evidences of probable success as a public health nurse; or (2) senior standing in the degree curriculum in nursing.

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

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

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

Orthopaedic Nursing. The three-term curriculum in nursing in orthopaedics prepares the student for specialized nursing service in this field. A Certificate in Orthopaedic Nursing is awarded to those completing the work satisfactorily. For admission the student must fulfill the entrance requirements listed under Public Health Nursing above, and, in addition, take an examination in anatomy and orthopaedic nursing as outlined in the Curriculum Guide for Schools of Nursing. Only applicants making a satisfactory grade will be admitted.

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

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

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

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

Surgical Nursing. The three-term curriculum in surgical nursing prepares the student for employment as head nurse in an operating room. The curriculum leads to a Certificate in Surgical Nursing. For admission the student must fulfill the entrance requirements listed under Public Health Nursing above, and, in addition, take a preliminary examination covering the course in surgical nursing as outlined in the Curriculum Guide for Schools of Nursing. Only those making a satisfactory grade will be admitted.

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

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

CURRICULUM IN PUBLIC HEALTH NURSING

	Term hours
Principles and Organization in Public Health Nursing (Nur 461, 462, 463)	9
Field Work in Public Health Nursing (Nur 467, 468, 469)	15
Community Organization (Nur 418, 419)	3-4
Introduction to Case Work Methods (Nur 416)	3
Field Work, Interviewing, and Work with Agencies (Nur 464)	5
Methods in Teaching Health (Nur 465, 466)	4-6
Vital Statistics (Nur 471)	2
Mental Hygiene (Nur 445) or Behavior Aspects of Child Conduct (Nur 487)	3
Assessment of Physical Fitness (Nur 444)	3
Systems of Public Health Nursing (Nur 470)	3-6
Advanced Public Health (Nur 490)	3
Problems in Child Welfare (Nur 489)	2
Elective	9-3
Total term hours required	64

CURRICULUM IN ORTHOPAEDIC NURSING

Principles and Organization in Public Health Nursing (Nur 461, 462)	6
Introduction to Case Work Methods (Nur 416)	3
Field Work, Interviewing, and Work with Agencies (Nur 464)	5
Methods in Supervision (Nur 450, 451, 452)	6
Clinical Orthopaedic Nursing (Nur 472, 473)	14
Seminar in Nursing (Nur 407) or elective	14
Total term hours required	48

CURRICULUM IN OBSTETRICAL NURSING

	Term hours
Principles and Organization in Public Health Nursing (Nur 461, 462)	6
Introduction to Case Work Methods (Nur 416)	3
Field Work, Interviewing, and Work with Agencies (Nur 464)	5
Methods in Supervision (Nur 450, 451, 452)	6
Advanced Obstetrics for Nurses (Nur 456, 457)	4
Clinical Obstetrical Nursing (Nur 474, 475)	14
Seminar in Nursing (Nur 407) or elective	10
	—
Total term hours required	48

CURRICULUM IN PEDIATRIC NURSING

Principles and Organization in Public Health Nursing (Nur 461, 462)	6
Introduction to Case Work Methods (Nur 416)	3
Field Work, Interviewing, and Work with Agencies (Nur 464)	5
Methods in Supervision (Nur 450, 451, 452)	6
Advanced Pediatrics for Nurses (Nur 480, 481)	4
Clinical Pediatric Nursing (Nur 476, 477)	14
Seminar in Nursing (Nur 407) or elective	10
	—
Total term hours required	48

CURRICULUM IN NURSING SUPERVISION

Methods in Teaching Health (Nur 465)	3
Methods in Supervision (Nur 450, 451, 452)	6
Principles and Organization in Public Health Nursing (Nur 461, 462)	6
Introduction to Case Work Methods (Nur 416)	3
Field Work in Supervision (Nur 447, 448)	12
Teaching Nursing Arts (Nur 433, 434)	10
Seminar (Nur 407) or elective	8
	—
Total term hours required	48

CURRICULUM IN SURGICAL NURSING

Field Work, Interviewing, and Work with Agencies (Nur 464)	5
Principles and Organization in Public Health Nursing (Nur 462)	3
Methods in Teaching Health (Nur 465)	3
Methods in Supervision (Nur 450, 451, 452)	9
Field Work in Nursing Supervision (Surgical) (Nur 447)	6
Teaching Nursing Arts (Nur 433)	5
Vital Statistics (Nur 471)	2
Seminar (Nur 407)	6
Electives	9
	—
Total term hours required	48

Course-Numbering System

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

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

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

301, 401, 501. Research.
303, 403, 503. Thesis.

305, 405, 505. Reading and Conference.
307, 407, 507. Seminar.

Description of Courses

LOWER-DIVISION COURSES

Nur 130. Professional Adjustments. 1 hour summer or winter.

This course is planned to orient the student to the nursing profession. It emphasizes her ethical responsibility to the patient, other professional groups, the student group; conventions (etiquette); costs of hospital supplies and equipment; etc. Lectures, 1 hour; 11 hours. Miss Sears.

Nur 211. Elementary Nursing Arts. 9 hours summer or winter.

To give a clear understanding of the fundamental principles which underlie all good nursing, to develop habits of observation, system, and manual dexterity, and to establish a fine technic in nursing. Three sections. Lectures and laboratory. Given in hospital school. Lectures, 3 hours; clinic, 12 hours. 165 hours. Miss Sears.

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

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

***Phc 213. Elementary Pharmacology.** 3 hours fall or spring.

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

UPPER-DIVISION COURSES

***An 311. Anatomy.** 4 hours fall or spring.

A course in human anatomy adapted to the requirements of nurses. Lectures, 2 hours; recitation, 1 hour; laboratory, 3 hours. 66 hours. Dr. Larsell and assistant.

***Phy 312. Physiology.** 4 hours fall or spring.

Study of the physiology of the cell, skeleton, muscle, heart and circulation, respiration, digestion, metabolism, temperature regulation, excretion, endocrine glands, reproduction, nervous system, and the special senses. Laboratory exercises are correlated with lecture material. Lectures, 3 hours; laboratory, 3 hours; 66 hours. Dr. Haney.

†**Nur 313. Clerkship (Nursing-Care Studies).** 2-4 hours fall or spring.

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

* Credit earned in this course may be applied toward fulfilling the degree requirements in Science.

† Credit earned in this course may be applied toward fulfilling the degree requirements in Social Science.

Pth 314. Pathology. 3 hours summer or winter.

A general course in pathology for nurses. Lectures, demonstrations, and quizzes concerning the fundamental pathology of the common diseases. Lectures and demonstrations, 3 hours; 33 hours.

Nur 314, 315, 316. Nursing in Medical and Surgical Diseases. 2 hours each term, fall and winter; 3 hours spring.

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

Nur 317, 318, 319. Nursing Clinics in Medical and Surgical Diseases. 3 hours each term.

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

***Nur 327. Nutrition.** 2 hours any term.

This course is arranged to give the student a knowledge of the nutritive value of foods, their chemical combination, and use for different age groups in health and in disease. Lectures, 1 hour; laboratory, 3 hours; 44 hours. Dr. Manville.

***Bac 328. Bacteriology.** 6 hours summer or winter.

A study of the general characteristics of bacteria and other organisms that cause disease, their behavior as disease agents, and the factors involved in resistance to infection. The application of these studies to the diagnosis, prevention, and treatment of infective diseases. Lectures, 4 hours; laboratory, 6 hours; 110 hours. Dr. Sears.

***Phc 329. Pharmacology.** 3 hours fall or spring.

Systematic study of important drugs; mode of administration, pharmacologic action, therapeutic use, idiosyncrasies, preparations, synonyms, and dosages. Reporting of results, untoward reactions, and danger signs. Introduction to prescription writing. Lectures, 3 hours; 33 hours. Dr. David.

Nur 332. Clinics in Psychiatry. 3 hours.

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

***Nur 335, 336. Public Health and Communicable Diseases.** 2 hours fall or spring; 3 hours winter or summer.

The aim of this course is to give the student a practical understanding of the symptoms and treatment of the communicable diseases. Lectures, 3 hours; 33 hours each term. Dr. Weinzirl, Miss Higby, and staff.

Nur 343. Clinical Practice in Operating-Room Technique. 4 hours any term.

Three terms of clinical practice in the operating room.

Nur 344. Operating-Room Technique. 1 hour.

The scientific basis for aseptic operative technique and the more common operative procedures.

* Credit earned in this course may be applied toward fulfilling the degree requirements in Science.

†Nur 347. **Modern Social and Health Movements.** 4 hours.

Review of the history and philosophy of current social and health movements; survey of typical community agencies and institutions and their significance for the nurse. Lectures, 4 hours; 44 hours. Miss McKinley and Miss Wetzel.

Nur 349. **Isolation Nursing Techniques.** 2 hours any term.

Includes tuberculosis and venereal diseases. The principles of medical asepsis.

Nur 350. **Clinical Practice in Tuberculosis, Venereal Disease, and Isolation Nursing.** 4 hours any term.

Six weeks' assignment in nursing care of tuberculosis, and six weeks in acute communicable diseases.

Nur 351, 352. **Clinical Practice in Medical and Surgical Nursing.** 4 hours each term.

Two terms of clinical practice on medical and surgical services with conferences and nursing-care studies.

Nur 353. **Clinical Practice in Medical and Surgical Nursing.** 4 hours any term.

Affiliation for one term with the medical and surgical services in the Out-patient Clinic.

*Ch 356. **Organic Chemistry.** 4 hours.

The elementary organic chemistry of the aliphatic and cyclic compounds, with emphasis upon substances of special interest in medicine. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. West.

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

The first part of the course deals with the chemistry of the carbohydrates, lipids, proteins, and other substances of importance as foods, or tissue constituents. This is followed by a study of enzymes and digestion, nutrition, blood, metabolism, and the excretions. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Dr. West.

Nur 368. **Clinical Practice in Diets.** 4 hours any term.

Diet preparation and management for hospital patients.

Nur 369. **Diet in Disease.** 2 hours fall or spring.

A brief review of the principles of normal nutrition, with emphasis on the principles and procedures in the care and preparation of foods. The student assists in the simple preparation of foods, and applies the general principles of diet therapy in the modification of the general diet. Lectures, 1 hour; laboratory, 3 hours. 44 hours. Miss Fisher.

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

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

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

* Credit earned in this course may be applied toward fulfilling the degree requirements in Science.

† Credit earned in this course may be applied toward fulfilling the degree requirements in Social Science.

†Nur 410. History of Nursing. 3 hours.

A study of the rich heritage of the profession of nursing, and the development of hospitals and community responsibility for care of the underprivileged. Lectures, 3 hours; 33 hours. Miss Wheelock.

†Nur 411. Contemporary Trends in Nursing. 3 hours.

Nursing education in Europe and America during the latter half of the nineteenth century; nursing in war since the Civil War; the background and leaders of national and international associations; nursing legislation and standards. Lectures, 3 hours; 33 hours. Miss Wheelock.

Nur 412. Obstetrical Nursing. 4 hours any term.

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

†Nur 413. Psychiatric Nursing. 3 hours.

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

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

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

Nur 415. Pediatric Nursing. 3-4 hours any term.

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

†Nur 416. Introduction to Case-Work Methods. 3 hours any term.

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

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

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

† Credit earned in this course may be applied toward fulfilling the degree requirements in Social Science.

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

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

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

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

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

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

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

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

Nur 433, 434. **Teaching Nursing Arts.** 5 hours each term, winter and spring.

The philosophy of education and methods of teaching applicable to professional teaching of nursing. The student is given opportunities to plan and teach courses in the nursing arts under expert supervision, and to study problems of the classroom and the floor, for both introductory and advanced courses in the nursing arts. Lectures, 5 hours; 55 hours each term.

Nur 439. **Clinics in Obstetrical Nursing.** 2 hours any term.

Provides bedside teaching of the student nurse in obstetrics, and gives a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Three sections. Lecture, 1 hour; clinic, 2 hours. Miss Sears, Miss Eggers, and staff, Multnomah Hospital School of Nursing.

Nur 440. **Clinics in Pediatrics.** 2 hours any term.

Provides bedside teaching of the student nurse in pediatrics, and gives a practical understanding of symptoms in both normal and abnormal conditions and a knowledge of methods of treatment. Lecture, 1 hour; clinic, 2 hours. Miss Baird and staff.

Nur 441. **Clinical Practice in Pediatric Nursing.** 4 hours any term.

Nursing care of pediatric patients in hospital, clinic, and home.

Nur 442. **Clinical Practice in Obstetrical Nursing.** 4 hours any term.

Nursing care of obstetrical patients in hospital, clinic, and home.

Nur 443. **Introduction to Methods in Public Health Nursing.** 3 hours any term.

The relationship between the patient, his family, the nurse, and the family physician. The use of community resources and psychological principles in the maintenance of health.

Nur 444. **Assessment of Physical Fitness.** 3 hours any term.

Provides an adequate review of the fundamentals of nutrition; means whereby a fairly accurate idea may be obtained of the nutritional status of the individual, thus facilitating the work of the supervising physician; information necessary in combating nutritional conditions of an undesirable nature, conditions growing, for the most part, from the ignorance of the public, and from viciousness and malpractice on the part of the uncurbed few. Lectures, 3 hours; 33 hours each term. Dr. Manville.

†Nur 445. **Mental Hygiene.** 3 hours any term.

Modern methods for the prevention of mental diseases, and the care of those suffering from such diseases. Lectures, 3 hours; 33 hours each term.

Nur 446. **Clinical Practice in Ward Administration.** 4 hours any term.

Assignment for one term as assistant head nurse, with particular duty of attending all staff rounds.

Nur 447, 448. **Field Work in Nursing Supervision.** 6 hours fall and winter.

Opportunity to practice teaching and supervision, and to carry on special problems in the hospital under guidance. Field work, 165 hours each term. Miss Doltz, Miss Baird, and staff.

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

Methods and technic in teaching, supervision of nurses, and proper care of special equipment. Practical experience in the graduate nursing specialty elected by the student. Lecture, 1 hour; clinic, 2 hours; 22 hours each term. Miss Thomson or Miss Wheelock.

Nur 456, 457. **Advanced Obstetrics for Nurses.** 2 hours each term.

Designed for the advanced obstetrical unit for nurses who are specializing in obstetrical nursing. Dr. Stearns.

Nur 458. **Technique in Ward Administration.** 4 hours any term.

Responsibilities of the head nurse in ward management, teaching and supervision. Lectures, 3 hours; clinical practice, 4 hours; 77 hours.

Nur 461. **Principles and Organization of Public Health Nursing.** 3 hours.

A brief survey of the development of public health nursing; discussion of basic principles, administration, and organization of public health nursing; program of health service. Lectures, 3 hours; 33 hours. Miss Wetzel.

Nur 462. **Principles and Organization of Public Health Nursing.** 3 hours.

Services of the public health nurse with different age groups, with special reference to the part of the public health nurse in relation to the observation and reporting of symptoms of emotional maladjustment. Lectures and discussions, 3 hours; 33 hours. Miss Thomson.

Nur 463. **Principles and Organization of Public Health Nursing.** 3 hours.

Public health nursing problems, and the community machinery and agencies which exist to meet them. Conference and panel methods of presentation. 3 hours; 33 hours. Miss Thomson and Miss Wetzel.

† Credit earned in this course may be applied toward fulfilling the degree requirements in Social Science.

†Nur 464. **Field Work, Interviewing, and Work with Agencies.** 5 hours any term.

Application, during public health nursing field experience, of interviewing techniques and cooperative service with other community agencies in solving health problems. Field work, 165 hours.

†Nur 465, 466. **Methods in Teaching Health.** 2-3 hours each term.

Methods which are being developed in the field of health education, with special relation to the public health nurse. Lectures, 4 hours; 44 hours. Miss Mealey.

Nur 467. **Field Work in Public Health Nursing.** 5 hours.

Experience in prenatal and postnatal nursing with the Outpatient Clinic; communicable-disease nursing with the Isolation Hospital; infant welfare, tuberculosis, and bedside nursing with the Portland Visiting Nurse Association; school nursing with the school nursing division of the City Health Bureau. Clinic, 165 hours. Miss Choate, Miss Crowe, Miss Fisher, and Miss Wetzel.

Nur 468. **Field Work in Public Health Nursing.** 5 hours.

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

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

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

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

The development of public health practices and organization with special emphasis upon present trends in public health nursing. Mrs. Young and staff.

†Nur 471. **Vital Statistics.** 2 hours.

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

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

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

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

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

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

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

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

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

† Credit earned in this course may be applied toward fulfilling the degree requirements in Social Science.

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

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

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

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

Nur 486. Surgical Specialties. 2 hours.

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

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

Study of child behavior in health and disease.

†Nur 489. Problems in Child Welfare. 2 hours.

An intensive study of child dependency, including a consideration of physical and mental handicaps and juvenile delinquency. Intended primarily to meet the needs of persons now in the field, whose work involves problems of dependency. Lectures, 2 hours; 22 hours. Mr. Getz.

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

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

GRADUATE COURSES

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

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

†Nur 507. Case-Work Seminar. 2 hours.

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

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

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

† Credit earned in this course may be applied toward fulfilling the degree requirements in Social Science.

Degrees Conferred June 1942

MEDICINE

DOCTOR OF MEDICINE

Herbert Lepper Armentrout, B.S., Portland
Kurt William Aumann, M.A., Portland
Harry George Beckwith, Jr., B.A., Portland
George A. J. Berglund, B.S., Portland
Andrew Carlyle Bogdanovich, B.A., Portland
Barbara Jean Boyd, B.A., Portland
Andrew Francke Braff, B.S., Seattle, Wash.
Franklin Meeds Butler, B.S., Spokane, Wash.
Carl Wakely Calhoun, B.A., Portland
Earle Garrett Canfield, B.A., Ashland
Frederick Lavoisier Coddington, B.S.,
Opportunity, Wash.
Clarence Lansdowne Code, B.S., Seattle,
Wash.
John William Codling, B.S., Seattle, Wash.
William James Corrigan, B.S., Portland
Charles Ward Day, B.S., Seattle, Wash.
Jack Elliot Dunlap, B.A., Portland
George Alan Fisher, B.A., Portland
Harold Lionel Fisher, B.S., Weiser, Idaho.
Philip Mark Frederick, B.S., Seattle, Wash.
James Hadley Gerow, B.A., Portland
Barnard Hall, B.A., Portland
Thomas Sylvester Healy, B.A., Portland
John Dunn Kavanaugh, B.S., Portland
Elwood William Kreutzer, B.A., Salt Lake
City, Utah
Richard Wilson Leong, M.A., Portland
Aarne Johannes Lindgren, M.S., Astoria
Edwin Herbert Lofquist, B.S., Portland
Donald Brooks Lucas, A.B., Portland
Graham Slagle McConnell, A.B., Pullman,
Wash.
Gordon Wesley McGowan, B.A., The Dalles
Scott Bennett McKeown, B.A., Marshfield
Donald McKinley, B.A., Portland
Akin Mathieu, A.B., Portland
Frances Barton Murray, B.S., Seattle, Wash.
Ralph Louis Olsen, B.A., Portland
Philip Eugene Pemberton, B.A., Hillsboro
Gordon Prewitt, B.A., Waldport
Glen Griffith Rice, A.B., Seattle, Wash.
John Rush Ford Richardson, B.S., Portland
Robert Earl Rinehart, M.S., Wheeler
John Walter Ritchie, B.S., Hagerman, Idaho
John Theodore Robson, B.A., Seattle, Wash.
Wilhelm John Sittner, A.B., Portland
John Elvin Snyder, B.S., Seattle, Wash.
Gordon David Steinfeld, B.A., Portland
Jack Ernest Stucky, B.A., Klamath Falls
Douglas Hamilton Taylor, B.S., Cloverdale
George Everett Thompson, B.A., Portland
James Howard Varney, A.B., Powers
John Gates Verberkmoes, B.S., Kooskia,
Idaho
Joseph Lawrence Yuhas, B.A., Stockett,
Mont.

NURSING EDUCATION

BACHELOR OF ARTS

Doris Lillian DeLateur, Salem*
Margaret E. Graham, Portland*
Harriett Ann McRay, Myrtle Point†
Elizabeth Mary Peters, Clackamas†
Helen Bates Singletary, McMinnville*

BACHELOR OF SCIENCE

Geraldine Ruth Betts, Klamath Falls*
Jessie Hulery DeBernardis, Portland†
Winnifred Eleanor deWitt, Portland†
Elizabeth Jane Farnsworth, Portland*
Edna M. Greenwood, Terry, Mont.*
Marian Ruth Hersh, Salt Lake City, Utah*
Marian Anelda Holstine, Portland*
Shirley Howell, Clackamas†
LaVada Chuinard Lindquist, Portland*
Agnes Elizabeth McConnell, Portland†
Ruth Perry Maynard, Hillsboro*
Audrey Isabell Reid, Portland*
Maude Hamson Rogers, Salt Lake City,
Utah*
Mary A. Sander, Portland*
Mildred E. Simantel, Billings, Mont.*
Margaret Olive Spencer, Halsey†
Alice Mae Stout, Corvallis†
Annis E. Struthers, Klamath Falls*
Mary Kathryn Taylor, Eugene*
Inez B. Trelstad, Omaha, Neb.

CERTIFICATE IN PUBLIC HEALTH NURSING

Dorothy Elizabeth Allison, Billings, Mont.
Florence Matilda Anderson, Bozeman, Mont.
Dorothy Ingraham Battle, Denver, Colo.
Ann Brazzel, Tucson, Ariz.
Ethel Marie Bruce, Portland
Ann Eileen Cummings, Salem
Phyllis Jean Dalziel, Los Angeles, Cal.
Eva Ann Davis, Portland
Luella Lois Derrett, Tucson, Ariz.
Mary Lucille Donahue, Butte, Mont.
Marion Fenner, Santa Barbara, Cal.
Mary Charlotte Feore, Tucson, Ariz.
Eleanor Lucille Ferguson, Grangeville, Idaho
Eltha B. Given, Kimberly, Idaho
Edna Mae Greenwood, Terry, Mont.
Esthel Sarena Gulley, Salem

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

Marian Ruth Hersh, Salt Lake City, Utah
 Marie Holdaway, Sacramento, Cal.
 Katherine Moran Holderbaum, Great Falls,
 Mont.
 Shirley Jean Howell, Clackamas
 Verla Mary Johanson, Salt Lake City, Utah
 Madeleine Aloise Kelly, Portland
 Rhoda Larsen, Mantua, Utah
 Ione Elzada Lawrence, Logan, Utah
 Agnes Ione McKenna, Denver, Colo.
 Helen Mildred Marcy, Lakeview
 Ruth Perry Maynard, Idaho Falls, Idaho
 Stella Marie Meagher, Portland
 Marjorie Eleanor Miller, Great Falls, Mont.
 Grace C. Nason, Moab, Utah

Ruth I. Peffley, Great Falls, Mont.
 Mary Ellen Perfield, Puyallup, Wash.
 Ruth Elizabeth Reimer, Beatrice, Neb.
 Maude Hamson Rogers, Salt Lake City, Utah
 Helen Lucile Ross, Cornelius
 Mildred E. Simantel, Billings, Mont.
 M. Helen Smith, Gresham
 Margaret Olive Spencer, Halsey
 Mabel Howard Stafford, Fresno, Cal.
 Alice Mae Stout, Corvallis
 Mary Kathryn Taylor, Eugene
 Mary Walker Williams, Carson City, Nev.
 Margaret Ann Willmon, Phoenix, Ariz.
 Cora Alvina Winter, Portland

CERTIFICATE IN SURGICAL NURSING

Winnifred Eleanor deWitt, Portland

Elizabeth Jane Farnsworth, Portland

CERTIFICATE IN OBSTETRICAL NURSING

Doris Lillian DeLateur, Salem

Helen Bates Singletary, McMinnville

CERTIFICATE IN PEDIATRIC NURSING

Elizabeth Childs, Albany
 LaVada Chuinaud Lindquist, Portland

Elizabeth Mary Peters, Clackamas

CERTIFICATE IN NURSING SUPERVISION

Marion Rose Clark, Portland
 Marian Anelda Holstine, St. Helens

Agnes Elizabeth McConnell, Portland
 Harriett Ann McRay, Myrtle Point

Enrollment 1941-42

MEDICINE

FOURTH-YEAR CLASS

Armentrout, Herbert L., Portland
 University of Oregon, B.S., 1937
 Aumann, Kurt William, Portland
 University of Oregon, M.A., 1940
 Beckwith, Harry George, Portland
 Reed College, B.A., 1938
 Berglund, George A. J., Portland
 University of Washington, B.S., 1937
 Bogdanovich, Andrew Carlyle, Portland
 University of Oregon, B.A., 1938
 Boyd, Barbara Jean, Portland
 University of Oregon, B.A., 1939
 Braff, Andrew Francke, Seattle, Wash.
 University of Washington, B.S., 1938
 Butler, Franklin Meeds, Spokane, Wash.
 Washington State College, B.S., 1938
 Calhoun, Carl W., Portland
 Reed College, B.A., 1940
 Canfield, Earle Garrett, Ashland
 University of Oregon, B.A., 1940
 Coddington, Frederick L., Opportunity,
 Wash.
 University of Washington, B.S., 1936
 Code, Clarence L., Seattle, Wash.
 University of Washington, B.S., 1937
 Codling, John William, Seattle, Wash.
 University of Washington, B.S., 1932
 Corrigan, William James, Portland
 University of Portland, B.S., 1938

Day, Charles Ward, Seattle, Wash.
 University of Washington, B.S., 1939
 Dunlap, Jack Elliot, Portland
 Oregon State College, B.A., 1940
 Fisher, G. Alan, Portland
 Oregon State College, B.A., 1940
 Fisher, Harold Lionel, Weiser, Idaho
 University of Oregon, B.S., 1940
 Frederick, Phillip Mark, Seattle, Wash.
 University of Washington, B.S., 1939
 Gerow, James H., Portland
 University of Oregon, B.A., 1940
 Hall, Barnard, Portland
 University of Oregon, B.A., 1938
 Healy, Thomas S., Portland
 University of Oregon, B.A., 1940
 Kavanaugh, J. Dunn, Portland
 University of Oregon, B.S., 1934
 Kreutzer, Elwood William, Salt Lake City,
 Utah
 University of Utah, B.A., 1938
 Leong, Richard Wilson, Portland
 Linfield College, M.S., 1942
 Lindgren, Aarne Johannes, Astoria
 University of Oregon, M.S., 1942
 Lofquist, Edwin, Portland
 Oregon State College, B.S., 1939
 Lucas, Donald Brooks, Portland
 Pacific University, A.B., 1938

- McConnell, Graham Slagle, Pullman, Wash.
Columbia University, A.B., 1936
- McGowan, Gordon Wesley, The Dalles
University of Oregon, B.A., 1940
- McKeown, Scott Bennett, Marshfield
University of Oregon, B.A., 1940
- McKinley, Donald, Portland
Reed College, B.A., 1940
- Mathieu, Akin, Portland
Stanford University, A.B., 1938
- Murray, Frances Barton, Seattle, Wash.
University of Washington, B.S., 1936
- Olsen, Ralph Louis, Portland
University of Oregon, B.A., 1938
- Pemberton, Philip Eugene, Hillsboro
Willamette University, B.A., 1939
- Prewitt, Gordon, Waldport
Oregon State College, B.A., 1940
- Rice, Glen Griffith, Seattle, Wash.
Pacific University, A.B., 1938
- Richardson, John R. F., Portland
University of Washington, B.S., 1936
- Rinehart, Robert Earl, Wheeler
University of Oregon, M.S., 1942
- Ritchie, John Walter, Hagerman, Idaho
Oregon State College, B.S., 1940
- Robson, John Theodore, Seattle, Wash.
University of Washington, B.A., 1938
- Sittner, Wilhelm John, Portland
Whitman College, A.B., 1938
- Snyder, John E., Seattle, Wash.
University of Washington, B.S., 1938
- Steinfeld, Gordon David, Portland
Reed College, B.A., 1940
- Stucky, Jack Ernest, Klamath Falls
University of Oregon, B.A., 1940
- Taylor, Douglas Hamilton, Cloverdale
Wheaton College, B.S., 1938
- Thompson, George Everett, Portland
University of Oregon, B.A., 1940
- Varney, J. Howard, Powers
Willamette University, A.B., 1938
- Verberkmoes, John Gates, Kooskia, Idaho
University of Idaho, B.S., 1934
- Yuhas, Joseph Lawrence, Stockett, Mont.
University of Montana, B.A., 1938

THIRD-YEAR CLASS

- Anderson, Robert Francis, Troutdale
Willamette University, A.B., 1938
- Andrews, Neil C., Portland
University of Oregon, B.A., 1940
- Banfield, Ernest E., Portland
Oregon State College, B.A., 1939
- Brown, Merle F., Independence
Willamette University, A.B., 1939
- Butler, Harry Taylor, Portland
University of Oregon, B.A., 1939
- Camber, Robert Louis, Portland
Reed College, B.A., 1939
- Curry, Frank Freeman, Seattle, Wash.
University of Washington, B.S., 1939
- Epler, Robert Henry, Portland
University of Oregon, B.A., 1941
- Finck, John Paul, Caldwell, Idaho
University of Oregon, B.S., 1941
- Folts, Lynd Louis, Seattle, Wash.
University of Washington, B.S., 1937
- Gary, John Everett, West Linn
Willamette University, A.B., 1939
- Gibson, Robert H., Tacoma, Wash.
College of Puget Sound, B.S., 1939
- Goldsmith, Richard Henry, Portland
University of Oregon, B.S., 1941
- Gray, Cary Patton, Longview, Wash.
University of Washington, B.S., 1939
- Gregg, Ralph L., Seattle, Wash.
University of Washington, B.S., 1939
- Grier, Dugald H., Multnomah
University of Portland, B.S., 1941
- Griswold, Herbert Edward, Jr., Portland
Reed College, B.A., 1939
- Guiss, Russell Loran, Woodburn
University of Oregon, B.A., 1941
- Hack, Raymond Linton, Multnomah
Oregon State College, B.A., 1941
- Hartsuck, David S., Quilcene, Wash.
University of Washington, B.S., 1939
- Hoyt, Wallace P., Puyallup, Wash.
Washington State College, B.S., 1941
- Hutchinson, Russell Eugene, Portland
Reed College, B.A., 1939
- Imboden, Lucien H., Snohomish, Wash.
University of Washington, B.S., 1939
- Jackson, Logan E., Portland
Whitman College, A.B., 1938
- Jenkins, Robert D., Boise, Idaho
University of Idaho, B.S., 1939
- Jones, Charles Herbert, Centralia, Wash.
University of Washington, B.S., 1940
- Jones, Howard Lloyd, Portland
University of Oregon, B.A., 1941
- Karstens, Andres, Helix
University of Oregon, B.A., 1938
- Kirchhof, Conrad, Seattle, Wash.
University of Oregon, B.A., 1941
- Lagozzino, Daniel A., Seattle, Wash.
University of Washington, B.S., 1940
- Larsell, John Fleming, Portland
Oregon State College, B.A., 1939
- Lee, G. Prentiss, Baker
Reed College, B.A., 1939
- Loughlen, Ivan K., Tacoma, Wash.
University of Washington, B.S., 1939
- Ludden, Theodore E., Great Falls, Mont.
Willamette University, A.B., 1939
- Mansfield, Charles Owen, Pateros, Wash.
University of Washington, B.S., 1939
- Merryman, John D., Klamath Falls
Pomona College, B.A., 1937
- Meyers, Carol, Hillsboro
Oregon State College, B.S., 1940
- Miller, Owen George, Eugene
University of Oregon, B.A., 1941
- Morgan, William Earle, Aberdeen, Wash.
University of Washington, B.S., 1939
- Murphy, Nicholas Patrick, Seattle, Wash.
Seattle College, B.S., 1942
- Murray, Douglas Hector, Seattle, Wash.
University of Washington, B.S., 1936
- Nebel, Samuel F., Shelton, Wash.
Reed College, B.A., 1941
- Needham, Winfield H., Salem
Stanford University, A.B., 1939
- Nohlgren, Joseph Ernest, Salem
South Dakota State College, B.S., 1935
- O'Connor, Owen J., Portland
University of Portland, B.S., 1941
- Olson, Hilding H., Bow, Wash.
University of Washington, B.A., 1939
- Perry, Almeron T., Salem
Willamette University, A.B., 1938
- Peterson, Clarence Gray, Portland
University of Oregon, B.A., 1939

- Phillips, Clifford W., Seattle, Wash.
University of Washington, B.S., 1940
- Pierson, John Martin, Jr., Portland
Oregon State College, B.A., 1938
- Ramquist, Reuel, Washon, Wash.
University of Washington, B.S., 1935
- Ramsey, Douglas E., Portland
University of Oregon, B.A., 1941
- Royce, Byron F., Silverton
University of Oregon, B.A., 1941
- Seacat, Dennis Hjalmar, Alexandria, S.D.
University of South Dakota, A.B., 1938
- Smith, Theodore Sprague, Eugene
University of Oregon, B.S., 1941
- Stamm, Mary Jane, Pysht, Wash.
Mills College, B.A., 1939
- Stone, Alfred M., Boise, Idaho
University of Minnesota, B.A., 1939
- Thomas, Evan Watson, Portland
Reed College, B.A., 1939
- Thompson, Donald George, Grand Forks,
N. D.
University of North Dakota, B.S., 1941
- Tunturi, Archie R., Portland
Reed College, B.A., 1939
- Ulett, George Andrew, Coquille
Stanford University, B.A., 1940
- Versteeg, Charles Neil, McMinnville
Willamette University, A.B., 1937
- Wallen, John Walfred, Seattle, Wash.
University of Washington, B.S., 1940
- Westerberg, Harry, Portland
Whitman College, A.B., 1939
- Wood, Gregg Donald, Portland
Reed College, B.A., 1939

SECOND-YEAR CLASS

- Abts, Richard Mervin, Hillsboro
University of Portland, 1937-40
- Amato, Joseph Philip, Portland
University of Oregon, B.A., 1940
- Ballard, Robert Finch, Longview, Wash.
University of Washington, B.S., 1941
- Barclay, Charles Gedney, Couer d'Alene,
Idaho
University of Washington, B.S., 1941
- Bline, Norman Lewis, Freewater
Whitman College, A.B., 1937
- Breese, Melvin Wilson, Portland
Oregon State College, B.S., 1936
- Burget, William Martin, Portland
Willamette University, A.B., 1940
- Callicrate, Dominic Leo, Portland
University of Portland, B.S., 1939
- Cherry, Howard LeGrande, Corvallis
Oregon State College, B.A., 1938
- Christianson, Charles Sidney, Forest Grove
Pacific University, B.S., 1934
- Clark, Frank Harrison, Portland
Oregon State College, B.S., 1942
- Cochran, Quinten Wood, Portland
Reed College, B.A., 1940
- Colver, Hugh Donald, Boise, Idaho
College of Idaho, B.A., 1940
- Cooke, Donovan Osborne, Ashland
University of Oregon, B.A., 1942
- Culp, Clyde Elmer, Moscow, Idaho
University of Idaho, B.S., 1941
- Davis, Betty Norma, Redmond, Wash.
Linfield College, B.A., 1940
- Davis, Herbert Van Dyke, Ashland
Willamette University, A.B., 1940
- Feek, Joseph David, Seattle, Wash.
University of Washington, B.S., 1939
- Freund, Jack Daniel, Eugene
University of Oregon, B.A., 1942
- Gaeden, Norman Joseph, Eugene
University of Oregon, B.S., 1938
- Gill, Joseph Howland, Portland
Reed College, B.A., 1940
- Greenberg, Albert Kahn, Portland
University of Oregon, B.S., 1942
- Gron Dahl, Raymond Douglas, Stevenson,
Wash.
Washington State College, B.S., 1939
- Harris, Norman Malcom, Portland
Reed College, B.A., 1940
- Hauser, Max Hugo, Spokane, Wash.
Willamette University, A.B., 1940
- Henderson, Warren S. P., Pendleton
University of British Columbia, 1936-39
- Higgins, John Richard, Baker
Oregon State College, B.S., 1942
- Hogan, James Daniel, Renton, Wash.
Seattle College, B.S., 1940
- Hohm, Carl L., Silverton
Willamette University, A.B., 1940
- Hunt, Calvin Lawson, Klamath Falls
Oregon State College, B.S., 1942
- Hutchinson, Alfred Charette, Pendleton
Oregon State College, B.S., 1942
- Kalkus, Julius Hugh, Puyallup, Wash.
Washington State College, 1936-40
- Karstens, Hans Carsten, Helix
University of Oregon, B.A., 1942
- Kuge, Toshiaki, Portland
Oregon State College, B.S., 1941
- Kvermland, Bruce Norman, Portland
Reed College, B.A., 1942
- Langley, Ivan Ira, Fairview
Oregon State College, B.A., 1940
- Loomis, John Wayne, Portland
Reed College, B.A., 1940
- MacDonald, Donald Carl, Scio
University of Oregon, 1936-40
- Macdonald, Ian Donald, Portland
Oregon State College, B.S., 1938
- Mason, David Clement, Beaverton
Reed College, B.A., 1940
- Maurice, Gordon Louis, Yakima, Wash.
Washington State College, B.S., 1940
- May, Arthur John, Friday Harbor, Wash.
University of Washington, B.A., 1939
- McMurray, W. Robert, Jr., Portland
University of Oregon, B.A., 1942
- Merriss, Martin Daniel, Portland
Oregon State College, B.A., 1940
- Monson, Robert Burden, Portland
University of Portland, 1935-38
- Mundal, Allen Lauritz, Wilbur, Wash.
Washington State College, B.S., 1940
- Nudelman, Phillip Leo, Portland
Stanford University, A.B., 1937
- Oyamada, Abe, Portland
Reed College, 1937-40
- Palmason, Edward Paimi, Seattle, Wash.
University of Washington, B.S., 1940
- Parkinson, Edward Chester, Portland
University of Kansas, A.B., 1935
- Pennington, Merle, Sherwood
Reed College, B.A., 1942
- Player, Glen S., Seattle, Wash.
University of Washington, B.S., 1940
- Racely, Clay A., Portland
Willamette University, A.B., 1939

- Rawls, Frederick Franklin, Corvallis
Oregon State College, B.S., 1942
- Riley, James Anthony, Jr., Chiloquin
Oregon State College, B.A., 1942
- Rodda, James Marvin, Portland
University of Oregon, B.A., 1935
- Rummell, Philip M., Dillard
Willamette University, A.B., 1940
- Salter, Edgar Richard, Deer Park, Wash.
University of Washington, B.S., 1941
- Schneider, Irvin Joseph, Shaw
Oregon State College, B.S., 1941
- Shy, George Milton, Portland
Oregon State College, B.S., 1940
- Slade, Erwin Ray, Lynden, Wash.
University of Washington, B.S., 1940
- Stenberg, Oscar, Jr., Spokane, Wash.
University of Washington, B.S., 1940
- Sullivan, Nicholas P., Portland
Washington State College, M.S., 1933
- Thompson, Arthur Ivan, Moscow, Idaho
University of Idaho, B.S., 1929
- Harvard University, M.B.A., 1932
- Towson, Travis Jackson, Jr., Portland
Oregon State College, B.A., 1942
- Underhill, Frank Jay, Seattle, Wash.
University of Washington, B.S., 1940
- Weitz, Marion George, Eugene
University of Oregon, B.S., 1935
- Wells, Charles Obed, Hillsboro
Pacific University, B.A., 1939
- Woolery, James William, Seattle, Wash.
University of Washington, B.S., 1939

FIRST-YEAR CLASS

- Achterman, Walter Harold, Eugene
University of Oregon, 1937-41
- Adkins, George E. M., Seattle, Wash.
University of Washington, B.S., 1941
- Alderman, Alton Lovell, Portland
University of California, Ph.D., 1934
- Andersen, Orville Junker, Portland
University of Oregon, B.A., 1940
- Anderson, Clifford, Mason City, Wash.
University of Washington, B.S., 1939
- Anderson, Kirk J., Boise, Idaho
College of Idaho, 1938-41
- Asbury, Frederick Raymond, Puyallup,
Wash.
University of Washington, B.S., 1941
- Babcock, Donald Everett, Buhl, Idaho
State College of Washington, 1937-41
- Bateman, Alfred Vernon, Portland
Stanford University, A.B., 1941
- Bell, Max Franklin, Meridian, Idaho
Whitman College, A.B., 1941
- Brown, John Linden, Lynden, Wash.
University of Washington, B.S., 1941
- Burt, Robert Raymond, Tacoma, Wash.
College of Puget Sound, B.S., 1941
- Calley, Nick George, Portland
University of Washington, B.S., 1941
- Casterline, Vernon Dale, Vida, Mont.
Willamette University, 1936-41
- Catlow, Charles Edwin, Jr., Portland
University of Portland, 1938-41
- Childs, Robert Thomas, Portland
University of Portland, 1936-41
- Collier, Emerson Joseph, Fairbanks, Alaska
University of Alaska, B.S., 1941
- Cooper, Albert Lewis, Seattle, Wash.
University of Washington, B.S., 1941
- Cottel, Charles Edward, Portland
Oregon State College, B.S., 1941
- Cranmer, Owen Lee, Seattle, Wash.
University of Washington, B.S., 1941
- Emig, Otto Robert, Portland
University of Portland, 1938-41
- Ericksen, Wayne Gordon, Marshfield
Stanford University, 1936-39
- Erickson, Raymond Leroy, Beaverton
Pacific University, A.B., 1938
- Ferrin, Allan Lowell, Cottage Grove
Willamette University, A.B., 1941
- Flanagan, John Dean, Marshfield
University of Oregon, 1937-41
- Goddard, Edward Pershing, Klamath Falls
Pacific University, A.B., 1940
- Greenwood, Ernest Pershing, Springfield
Willamette University, A.B., 1941
- Hall, Richard Edward, Portland
Reed College, B.A., 1941
- Haug, Walter A., Portland
University of Washington, B.S., 1941
- Heinemann, Mitchell Walter, Portland
Reed College, B.A., 1941
- Holloway, James Wix, Portland
San Mateo Junior College, 1938-39
Oregon State College, 1939-41
- Hopkins, Richard James, Orofino, Idaho
University of Idaho, 1938-41
- King, James Alan, Portland
University of Oregon, 1938-41
- Lacy, Marvin Melvin, Turner
Willamette University, A.B., 1940
- LaLonde, Edward Joseph, Portland
Reed College, B.A., 1941
- Lawrence, Pearl Carolyn, Seattle, Wash.
University of Washington, B.S., 1941
- Legrand, Joseph Bernard, Portland
Seattle College, B.S., 1940
- Leinassar, Jorma Michael, Astoria
Oregon State College, B.S., 1941
- Lowell, Roy S., Spokane, Wash.
Washington State College, B.A., 1937
- Lvova, Natalie Petrovna, Harbin, Manchou-
kuo
University of Washington, 1938-41
- MacRobert, Robert LaZelle, Portland
Oregon State College, B.A., 1941
- Martin, Daniel Morton, Eugene
University of Oregon, 1938-41
- Martin, Lawrence Edwin, Parkdale
Los Angeles Junior College, 1935-36
University of California, 1939-40
University of Oregon, 1938-39; 40-41
- McCallum, Gene Thomas, Spokane, Wash.
University of Washington, 1938-41
- McLauchlan, Duncan Alexander, Chemainus,
B.C.
University of Washington, B.S., 1941
- Meyer, Werner Eugene, Spokane, Wash.
University of Washington, B.S., 1941
- Moe, Warren, Portland
Linfield College, 1938-40
University of Oregon, 1940-41
- Molenkamp, Delmar John, Eugene
University of Oregon, 1937-41
- Mundhenk, Alvin Robert, Portland
Linfield College, A.B., 1940
- Palmrose, Edwin Gustaf, Seaside
Oregon State College, 1930-33
University of Oregon, 1939-41
- Peck, Richard Max, Portland
Oregon State College, 1937-40

Quinn, James Wesley, Missoula, Mont.
 Montana State University, B.A., 1941
 Radding, Jerome, Portland
 Reed College, 1938-41
 Ross, Stephen Wilbur, Portland
 Grays Harbor Junior College, 1935-37
 Oregon State College, 1939-41
 Schow, Douglas, Rupert, Idaho
 Albion State Normal School, 1936-38
 Brigham Young University, 1940 SS
 University of Idaho, 1938-41
 Shannon, Richard Elliott, Portland
 University of Oregon, 1937-41
 Shoen, Leonard Samuel, Salem
 Oregon State College, 1937-41
 Smith, John Chandler, Hood River
 University of Oregon, 1938-41
 Smith, William Polson, Oswego
 Reed College, 1938-41
 Stalnakner, John Hulbert, Portland
 Willamette University, A.B., 1941
 Stoddard, David Howell, LaGrande
 Stanford University, 1934-35
 University of California, 1938-39
 Oregon State College, 1940-41
 Sulkosky, Leo Frank, Puyallup, Wash.
 University of Washington, B.A., 1935

Tarshis, Maurice Steinmetz, Portland
 Reed College, B.A., 1936
 Thompsen, Ralph, McMinnville
 Willamette University, A.B., 1937
 Todd, Jerry Houghton, Scappoose
 University of Portland, B.S., 1941
 Toon, Robert Wallace, Aurora
 University of Oregon, 1937-41
 Tyler, George Clay, Cheney, Wash.
 State College of Washington, B.S., 1941
 Uchiyama, John Keyomaro, Portland
 University of Oregon, M.A., 1941
 Vorheis, Martin Luther, Medford
 Oregon State College, 1937-41
 Watkins, Elton, Jr., Portland
 Reed College, B.A., 1941
 Weitz, Claude Harold, Endicott, Wash.
 State College of Washington, 1935-40
 University of Minnesota, 1940-41
 White, David Randall, Portland
 Multnomah College, 1936-39
 Reed College, 1939-41
 White, Horace Louis, Eugene
 University of Oregon, 1938-41
 Williams, Richard Everill, Portland
 University of Oregon, B.A. 1941
 Wood, Gerald DeMarquis, Portland
 University of Arizona, B.S., 1940

GRADUATE STUDENTS, 1941-42

Beetem, Ksenia, B. Chem.
 Bocck, Max M., M.S.
 Branigin, Helen, B.A.
 Culbertson, John, B.S.
 Highet, Doris M., M.S.

Reithel, Francis J., Ph.D.
 Thompson, Frank, M.A.
 Veazie, Lyle, M.A.
 Welty, Catherine, B.A.

SPECIAL STUDENTS AND AUDITORS, 1941-42

Stewart, Annette

Youmans, William B., Ph.D.

NURSING EDUCATION

ADVANCED NURSING STUDENTS

Allen, Dorothy G.....Portland
 Anderson, Florence M.....Bismarck, N.D.
 Battle, Dorothy I.....Denver, Colo.
 Bossinas, Katherine.....Billings, Mont.
 Brunner, Leah M.....Windsor, Colo.
 Cruikshank, Helen S.....Lakeview
 Dalziel, Phyllis J.....Portland
 Derrett, Lois L.....Tucson, Ariz.
 Ditchfield, Alda L.....Shamokin, Pa.
 Fagan, Dorothy.....Portland
 Fennell, Opal D.....Burlingame, Cal.
 Fenner, Marion.....Santa Barbara, Cal.
 Ferguson, Eleanor L.....Jackson, Mo.
 Flynn, Mary E.....Missoula, Mont.
 Gabatin, Marcela C.....Manila, P.I.
 Galbraith, Margaret M.....Modesto, Cal.
 Gerber, Mary L.....Salt Lake City, Utah
 Greenwood, Edna Mac.....Terry, Mont.
 Hendrickson, Agnes G.....Lewiston, Idaho
 Hersh, Marion R.....Salt Lake City, Utah
 Holderbaum, Katherine F. Great Falls, Mont.
 Itschner, Margaret E.....Molalla
 Johnson, Edla E.....Mackay, Idaho

Kelly, Madeleine A.....Portland
 Kitzmiller, Annette V.....Nome, Alaska
 Lawrence, Ione E.....Logan, Utah
 Meagher, Stella M.....Portland
 Menoret, Jeanne K.....Portland
 Nason, Grace C.....New York, N.Y.
 Perry, Phyllis.....Mapleton, Utah
 Reimer, Ruth E.....Beatrice, Neb.
 Roger, L. Jeanette.....Conrad, Mont.
 Rogers, Maude H.....Salt Lake City, Utah
 Rordame, Mildred D.....Salt Lake City, Utah
 Ross, Annie M.....Portland
 Ryan, Ellen H.....Salt Lake City, Utah
 Silkensen, Stanna I.....Sheridan, Wyo.
 Simantel, Mildred E.....Billings, Mont.
 Smith, Rosemarie.....Portland
 Soubrou, Leonie V.....Portland
 Stewart, Harriet.....St. George, Utah
 Thibodeau, Blanche.....Santa Barbara, Cal.
 Weider, Lois.....Portland
 Williams, Mary W.....Carson City, Nev.
 Winter, Cora A.....Spokane, Wash.
 Young, Nova.....Salem

DEGREE STUDENTS

Abelgore, Lois A.	Corvallis	Jackson, Florence H.	Eugene
Andrews, Bonnie Jean.....	Touchet, Wash.	Julian, June	Reno, Nevada
Baer, Eleanor	Portland	Karamanos, Mabel H.	Portland
Baldinger, Bernice	Eugene	King, E. Francine	Portland
Baldwin, Emma Blanche.....	Corvallis	Knight, Ollimae	Twin Falls, Idaho
Barry, Agnes M.	Lakeview	Lindquist, LaVada C.	Kelso, Wash.
Bell, Beatrice	Eugene	Maloy, LaReine M.	Port Orford
Benefiel, Jeanette	Corvallis	Maskey, Lucille B.	Portland
Bloomenthal, Evelyn	Portland	Mason, Dorothy M.	Reno, Nevada
Bond, Helen L.	Eugene	Maynard, Ruth P.	Idaho Falls, Idaho
Brown, Eileen M.	Portland	McConnell, Agnes E.	Portland
Burnham, Rose	Adel	McConnell, Laura B.	Spokane, Wash.
Calmettes, Elizabeth	Hood River	McCoy, Alice L.	Portland
Cassady, Miriam	Portland	McFarlane, Elaine H.	Portland
Cavagnaro, Louise	Portland	McPherson, Jean	Medford
Chalmers, Wilma G.	Forest Grove	McRay, Harriett Ann	Myrtle Point
Chase, Geraldine	Eugene	Moser, Margaret L.	Rupert, Idaho
Conper, Martha	Portland	Musselman, Erin Mae	Corvallis
Couper, Betty L.	Weiser, Idaho	Nelson, Barbara J.	Portland
Creighton, Betty Jane.....	Portland	Orwick, Marie	Astoria
Crowe, Edna M.	Seoul, Korea	Parker, Dorothy	Portland
Davidson, Virginia	Portland	Payne, Mary E.	Clatskanie
DeBernardis, Jessie	Portland	Pederson, Alfhild T.	Astoria
DeLateur, Doris	Salem	Petermann, Grace C.	Eugene
deWitt, Winnifred	Portland	Peters, Elizabeth	Clackamas
Dickson, Virginia	Shedd	Peters, Jean	Medford
Dodge, Elizabeth	Canyonville	Poysky, K. Phyllis	Clatskanie
Dorris, Lucille C.	Portland	Putnam, Rebekah M.	Salem
Durk, Virginia	Kimberly, Idaho	Rasch, Cherie V.	Portland
Edwards, Jean E.	Portland	Rawlinson, May E.	Portland
Eivers, Jean	Portland	Rawls, Lois S.	Provo, Utah
Farnsworth, E. Jane.....	Gladstone	Reese, Dorothy	Echo
Faucett, Curtice L.	Falls City, Neb.	Reid, Audrey I.	Portland
Foreman, Betty Lou.....	Monroe	Richens, Elaine	Portland
Fox, Mary Ann	Eugene	Rieg, Janet	Portland
Funatake, Midori	Portland	Robb, Mary C.	North Bend
Funatake, Tomiko	Portland	Robinson, Dorothy A.	Portland
Glabreath, Thelma	Sherwood	Rohde, Elizabeth H.	Cottage Grove
Glover, Marthella	Portland	Root, Dorothy O.	Medford
Graham, Jean	Ontario	Sargent, Margaret M.	Portland
Graham, Margaret E.	Portland	Saxton, Edith E.	Corvallis
Graham, Mary T.	Portland	Scott, Ruth J.	Portland
Greenwood, Mary June	Wemme	Singletary, Helen B.	McMinville
Griffith, Jean D.	Eugene	Slonaker, Jeane R.	Hood River
Gustafson, Betty Ann.....	Eugene	Smith, Maryjane	Cottage Grove
Hackleman, Virginia	Albany	Spencer, Margaret O.	Halsey
Haehlen, Jeanne	Portland	Stout, Alice Mae	Corvallis
Hakala, Aura	San Diego, Cal.	Taylor, Mary K.	Eugene
Hall, Barbara	Eugene	Trelstad, Inez	Omaha, Neb.
Hartley, Ruth E.	Redmond	Upjohn, Rowena M.	Salem
Hea, Harriett	Bozeman, Mont.	Urquiri, Concho	Eugene
Hoffman, Margaret A.	Redmond	Wallberg, Margaret G.	Portland
Hohmann, E. Marie	Cottage Grove	Walls, F. Jean	Eugene
Holm, Belya R.	Goshen	Warila, Bernice L.	Astoria
Holstine, Marian A.	St. Helens	Weber, Doris L.	Hillsboro
Howell, Shirley J.	Clackamas	Whitaker, Elizabeth L.	Corvallis
Houser, Ruth J.	Portland	Wilson, Bernice E.	Forest Grove
Hulen, Kathryn L.	North Bend		

GRADUATE STUDENT

Goff, Ruby Kate.....Forest Grove

SPECIAL STUDENTS AND AUDITORS

Aitken, Isabelle E.	Stevenson, Wash.	Brose, Ruth E.	Twin Falls, Idaho
Anderson, Doris L.	Silverton	Brown, Charlotte A.	The Dalles
Baker, Minnie A.	Bend	Brown, Eleanor M.	Marshfield
Boley, Mary L.	Pendleton	Burgett, Maxine M.	Wallowa
Bossen, Marjorie E.	Portland	Carnine, Doris L.	Portland
Boyington, Mary E.	Astoria	Caughey, Madeline E.	Winnipeg, Canada
Brennan, Helen M.	Baker	Christ, Zoe V.	Portland

Clark, Jean	Seattle, Wash.	Main, Delphine A.	Tillamook
Cofer, Marion E.	Livingston, Mont.	Malm, Viola F.	Portland
Constable, Esther V.	Battle Ground, Wash.	Marshall, Mary I.	St. Helens
Coy, Evelyn L.	Marshfield	McCollom, Wilma K.	The Dalles
Cunha, Clara Mae.	Echo	McNeill, Leah M.	Baker
Dawson, Frances M.	Hermiston	Moers, Maud E.	Orofino, Idaho
Dick, Anna H.	Dallas	Morgan, Bertha A.	Horse Creek, Cal.
Edwards, Lucy V.	Dayton	Morin, Janet E.	McEwen
Elfvig, Agdo E.	Marshfield	Morland, Betty M.	Portland
Fahey, Rosemary K.	Vancouver, Wash.	Nelson, Florence B.	Cloverdale
Fenton, Colleen L.	Ontario	Perry, Mignonette A.	Morgan
Fisher, Dorothy E.	Portland	Potter, Elda D.	Adams
FitzGerald, Agnes A.	Hillsboro	Remington, Sybil A.	The Dalles
Fleck, Mildred M.	Battle Ground, Wash.	Repp, Esther B.	College Place, Wash.
Garrett, Nonie	Pendleton	Reynolds, Mary E.	Portland
Gibson, Dolores J.	Philomath	Rieger, Helen L.	Tillamook
Gibson, Mary	Portland	Roosma, Trace	Camas, Wash.
Goodale, Mary E.	Portland	Ruthrauff, Evelyn C.	Seaside
Grabo, Bertha	Beiseker, Canada	Scovell, Alma J.	Portland
Hamner, Elsie L.	Crandall, Miss.	Seabrook, Phyllis M.	Portland
Harper, Harriett A.	Pine	Seale, Doris R.	Pendleton
Haugland, Cleo	Beach, N.D.	Sherlock, Elizabeth A.	McMinnville
Headrick, Emy Lou	Portland	Sorenson, Mary A.	Portland
Hickman, Edna M.	Vancouver, Wash.	Stanard, Betty Lou	Portland
Holm, Mildred G.	East Stanwood, Wash.	Stratton, Lois I.	Milwaukie
Hughes, Daphne J.	Auburn, Wash.	Swanson, Alice L.	Missoula, Mont.
Hughey, Elizabeth Lu.	Paso Robles, Cal.	Taber, Evelyn M.	Colfax, Wash.
Huys, Gabrielle H.	Baker	Terry, Mildred A.	Yellow Springs, Ohio
Jahn, Edith M.	Ashley, N.D.	Thompson, Ethelmae	Ashland
Johanson, Judith M.	Brush Prairie, Wash.	Torris, Helen E.	Honolulu, T.H.
Johnson, Arlene F.	Corbett	Turman, Dorothy I.	Portland
Johnson, LaVerne C.	Milwaukie	Turner, Opal	Baker
Jones, Ferne	Salem	Voth, Mildred M.	Dallas
Jones, Kathleen	Cascade Valley, Idaho	Vuysteke, Mildred M.	Cornelius
Kaufman, Kathryn E.	Portland	Wagner, Genevieve A.	Mehama
Ker, Mary J.	Payette, Idaho	Will, Louise G.	Halstead, Kan.
Kinsey, Bernice F.	Union	Williams, Jean L.	Sheridan
Knox, Bette Jane	Marshfield	Woolf, Phyllis U.	Vancouver, Wash.
Kussman, Frances M.	Astoria	Wyatt, Agatha A.	The Dalles
LeValley, Merle V.	Salem	Yamada, Tae	Milwaukie
Likins, Virginia E.	Beaverton	Zeitler, Verna B.	Lebanon
Lovin, Frances Mary.	The Dalles	Zimmerman, Olive M.	Longview, Wash.
Lybeck, Cora B.	Chester, Mont.		

NURSING EDUCATION—SUMMER 1941

ADVANCED CERTIFICATE STUDENTS

Allison, Dorothy	Billings, Mont.	Lawrence, Iona	Logan, Utah
Battle, Dorothy	Denver, Colo.	McKenna, Agnes	Trinidad, Colo.
Brazzel, Ann	Phoenix, Ariz.	Miller, Marjorie	Great Falls, Mont.
Cummings, Ann	Portland	Morelock, Helen	Springfield
Dalziel, Phyllis	Portland	Nason, Grace	New York, N.Y.
Davis, Eva	Portland	Olsen, Olga	Portland
Derrett, Lois	Tucson, Ariz.	Peffley, Ruth	Great Falls, Mont.
Donahue, Lucille	Butte, Mont.	Perfield, Mary	Portland
Pagan, Dorothy	Portland	Perry, Phyllis	Mapleton, Utah
Feore, Mary	Tucson, Ariz.	Reimer, Ruth	Beatrice, Neb.
Given, Eltha B.	Kimberly, Idaho	Rogers, Maude	Salt Lake City, Utah
Griffith, Bertha	Burns	Runte, Vivien	Ajo, Ariz.
Gulley, Esthel	Springbrook	Smith, M. Helen	Portland
Hansen, Elma	Brigham City, Utah	Soubirou, Leonie	Portland
Holdaway, Marie	Berkeley, Cal.	Willmon, Margaret	Yuma, Ariz.
Johanson, Verla	Salt Lake City, Utah	Winter, Cora	Spokane, Wash.
Larsen, Rhoda	Mantua, Utah		

DEGREE STUDENTS

Alley, Nettie	St. Helens	Calmettes, Elizabeth	Hood River
Baldwin, Emma Blanche	Corvallis	Cassady, Miriam	Portland
Bell, Beatrice	Eugene	Cavagnaro, Louise	Portland
Betts, Geraldine	Klamath Falls	Chalmers, Wilma	Forest Grove
Bruce, Ethel	Portland	Chase, Frances	Eugene
Burnham, Rose	Adel	Childs, Elizabeth	Albany

Clark, Marion	Portland	Mason, Dorothy	Reno, Nev.
Cline, Elizabeth	Forest Grove	Naillon, Jerry	Ontario
Durk, Virginia	Kimberly, Idaho	Nelson, Barbara	Portland
Eivers, Jean	Portland	Olson, Ruby J.	North Bend
Elder, Lois	North Bend	Payne, Mary	Clatskanie
Fox, Mary Ann	Eugene	Peters, Elizabeth	Clackamas
Glover, Mathella	Portland	Putnam, Rebekah	Salem
Graham, Mary	Portland	Rieg, Janet	Portland
Gray, Marjorie	Cornelius	Robinson, Dorothy	Portland
Greenwood, Mary	Wemme	Rohde, Elizabeth	Cottage Grove
Gustafson, Betty	Eugene	Ross, Helen	Cornelius
Hakala, Aura	San Diego, Cal.	Schrouder, Ruth	Corvallis
Hall, Barbara	Eugene	Seely, Dorothea	Scappoose
Halland, Betty	Billings, Mont.	Simmons, Anita	Silverton
Hartley, Ruth	Redmond	Slonaker, Jeane	Hood River
Hayes, Doris	Salem	Smith, Maryjane	Cottage Grove
Holm, Belva	Goshen	Spencer, Margaret	Halsey
Hulen, Kathryn	North Bend	Trelstad, Inez	Portland
Julian, June	Reno, Nev.	Upjohn, Rowena	Salem
Karamanos, Helen	Portland	Urquiri, Concha	Eugene
King, E. Francine	Portland	Weber, Doris	Hillsboro
Lindquist, LaVada	Portland	Webster, Catherine	Portland
Marcy, Helen	Portland	Wiesendanger, Alice	Bonneville

SPECIAL STUDENTS AND AUDITORS

Baico, Julia	Astoria	Meacham, Irma	Culdesac, Idaho
Beck, Naomi	Portland	Mooney, Cecelia	Auburn, Wash.
Befus, Lydia	Cluny, Canada	Morgan, Joyce	Camas, Wash.
Befus, Pauline	Cluny, Canada	Morgan, Rose	Portland
Belton, Margaret	Canby	Munro, Barbara	Portland
Bivens, Mary	Canby	Noah, Anna	Marshfield
Campbell, Mary Jane	Portland	Oetzen, Marjorie	Portland
Carey, Jeanette	Sidney, Mont.	Patton, Ruth	Portland
Carson, Barbara	Prairie City	Powell, Thelma	Eugene
Cathy, Evelyn	Portland	Rasch, Cherie	Portland
Contardi, Elvera	Yakima, Wash.	Ratray, Helen	Condon
Disbrow, Anna	Portland	Rooney, Marjorie	Long Beach, Cal.
Dopson, Louella	Hansen, Idaho	Rosenquist, Julia	Noonan, N.D.
Dunbar, Carol P.	Vancouver, Wash.	Ryker, Marielen	Portland
Erickson, Elizabeth	Portland	Sandquist, Hannah	Marshfield
Ferney, Dorothy	LaGrande	Shafer, Mildred	Hubbard
Fortner, Eleanor	Portland	Slinger, A. Elizabeth	Pendleton
Garbe, Marian	Oregon City	Smiley, Barbara	North Bend
Goodwin, Florence	Corvallis	Smith, Harriett	Kansas City, Kan.
Holland, Mary	Astoria	Steiner, Eleanor	Pendleton
Jolin, Ida	Lacombe, Canada	Stoddard, Ruth	Yakima, Wash.
Jones, Elizabeth	Sterco, Canada	Thomas, Mary	Klondike
Kaelin, Dorothy	Woodland, Wash.	Tricker, Eileen	Portland
Lamberson, Mary	St. Helens	Vreeland, Charlotte	Calgary, Canada
Loddell, Maryellen	Astoria	Welch, Freddy-Jane	Fossil
March, Louise	Portland	West, Patricia	Calgary, Canada
McCormack, Alice	Portland	Wright, Lola May	Portland
McMenamin, Dorothea	Portland	Young, Joan	Lake Grove

Summary of Enrollment and Degrees 1941-42

SUMMARY OF ENROLLMENT, MEDICINE, 1941-42

	Men	Women	Total
First Year.....	73	2	75
Second Year.....	68	1	69
Third Year.....	63	2	65
Fourth Year.....	49	2	51
Total, Regular Students.....	253	7	260
Graduate.....	4	5	9
Special and Auditors.....	1	1	2
Total.....	258	13	271

SUMMARY OF ENROLLMENT, NURSING EDUCATION, 1941-42

Advanced Students.....	46
Degree Students.....	115
Graduate.....	1
Special and Auditors.....	99
Total.....	261

SUMMARY OF ENROLLMENT, SUMMER COURSE IN NURSING, 1941

Advanced Students.....	33
Degree Students.....	58
Special and Auditors.....	56
Total.....	147

SUMMARY OF DEGREES AND CERTIFICATES GRANTED

Medicine*	
Doctor of Medicine.....	51
Doctor of Philosophy.....	1
Master of Science.....	7
Nursing Education†	
Bachelor of Arts.....	5
Bachelor of Science.....	20
Certificate in Public Health Nursing.....	44
Certificate in Obstetrical Nursing.....	2
Certificate in Pediatric Nursing.....	3
Certificate in Nursing Supervision.....	4
Certificate in Surgical Nursing.....	2

* Does not include bachelor's degrees granted by the University, the State College, or other institutions to students completing their undergraduate work at the Medical School.

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

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 Brand, C. A., 6
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 Bridgeman, M. L., 18
 Brill, I. C., 13
 Brodie, F. W., 35
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 Browning, A. J., 17
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 Bryan, R. W., 13
 Bueerman, W. H., 16
 Burget, W. M., 12
 Burkes, D. C., 14
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 Caldwell, V. V., 7
 Campbell, Dewey, 12
 Caniparoli, S. D., 16
 Carlson, C. E., 17
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 Chance, A. W., 15, 20, 23
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 Forster, Donald, 13
 Frazier, W. R., 18
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 Gaines, W. E., 20
 Gamache, Amy, 57
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 Hollingworth, C. J., 13
 Holman, C. N., 13, 22, 58
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 Howard, C. A., 7
 Howard, H. W., 18
 Howard, M. A., 16, 35
 Hughes, Margaret E., 20
 Hunter, F. M., 6, 7, 11, 19

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