Oregon State System of Higher Education

Bulletin

University of Oregon Medical School
Catalog Issue
1947-48

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 and the University of Oregon Dental School are located in Portland.

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; 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 or (at Southern Oregon and Eastern Oregon colleges of education) to approved lower-division programs in semiprofessional fields.

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
MRS. E. B. MacNaughton, Portland 1948
Herman Oliver, John Day 1949
R. E. Kleinsorge, Silverton 1950
George F. Chambers, Salem 1951
Leif S. Finseth, Dallas 1952
Phil Metschan, Portland 1953
Henry F. Cabell, Portland 1954
Edgar W. Smith, Portland 1955
Willard L. Marks, Albany 1956

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Edgar W. Smith Vice-President

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Edgar W. Smith
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Charles D. Byrne, Secretary

Office of the State Board of Higher Education
Eugene, Oregon

Oregon State System of Higher Education

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Elmo Nall Stevenson, Ed.D. President, Southern Oregon College of Education
Robert John Maaske, Ph.D. President, Eastern Oregon College of Education

FREDERICK MAURICE HUNTER, Ed.D., LL.D., Honorary Chancellor

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Isabel Davis, B.A. Administrative Assistant

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Henry Eugene Stevens, D.Ed. Assistant Director of General Extension
Alfred Powers, A.B. Dean and Director of Creative Writing and Publishing

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William Hugh Carlson, M.A. Director of Libraries
Elzina Vance Herbert Head of Orders Department
Marie Hull Jackson, B.A., B.S. in L.S. Head Union Cataloger
### ACADEMIC CALENDAR

#### Fall Term, 1947-48
- September 29, Monday: Examination for removal of deficiencies
- September 30, Tuesday: Registration
- October 1, Wednesday: Instruction begins
- November 27, Thursday: Thanksgiving Day, holiday
- December 20, Saturday: Fall term ends
- December 21 to January 1, Sunday through Thursday: Christmas recess

#### Winter Term, 1947-48
- January 2, Friday: Instruction begins for medical students
- January 2, Friday: Registration for nursing and graduate students
- January 5, Monday: Instruction begins for nursing students
- March 20, Saturday: Winter term ends
- March 21 to 28, Sunday through Sunday: Spring recess

### MEDICAL SCHOOL

#### Spring Term, 1947-48
- March 29, Monday: Instruction begins for medical students
- March 29, Monday: Registration for nursing and graduate students
- March 30, Tuesday: Instruction begins for nursing students
- May 31, Monday: Memorial Day, holiday
- June 17, Thursday: Commencement Convocation for Department of Nursing Education
- June 18, Friday: Commencement for Medical School
- June 18, Friday: Spring term ends

#### Summer Term, 1948 (Department of Nursing Education)
- June 21, Monday: Registration
- June 22, Tuesday: Instruction begins
- July 5, Monday: Independence Day, holiday
- September 4, Saturday: Summer term ends
University of Oregon
Medical School
Faculty

PAUL C. PACKER, Ph.D., Chancellor, Oregon State System of Higher Education.
HARRY K. NEWSBURN, Ph.D., President, University of Oregon.
DAVID W. E. BAIRD, M.D., LL.D., Dean of the Medical School.
WILLIAM A. ZIMMERMAN, B.S., Executive Secretary of the Medical School.
CAROLINE O. HOOPMANN, B.S., Registrar of the Medical School.
BERNICE BRANDON HALLAM, B.A., Librarian of the Medical School.

RICHARD BENJAMIN DILLHUNT, M.D., Dean Emeritus of the Medical School.
OTIS FRANKLIN AKIN, M.D., Professor Emeritus of Orthopaedic Surgery.
WILLIAM FITCH ALLEN, Ph.D., Sc.D., Professor Emeritus of Anatomy.
HARRY R. CLIFF, M.D., Director Emeritus, Multnomah Hospital.
THOMAS HOMER COFFEN, M.D., Professor Emeritus of Medicine.
RALPH A. FENTON, M.D., Professor Emeritus of Otolaryngology.
HARRY MONROE HENDERSHOTT, M.D., Associate Professor Emeritus of Ophthalmology.
WILLIAM BURROUGHS HOLDEN, M.D., Professor Emeritus of Surgery.
NOBLE WILFRY JONES, M.D., Professor Emeritus of Medicine.
FREDERICK ANDREWS KIRHLE, M.D., Professor Emeritus of Ophthalmology.
ALBERT EDWARD MACKAY, M.D., Professor Emeritus of Urology.
CHARLES RICHARD MCCUIGE, M.D., Professor Emeritus of Orthopaedic Surgery.
GRACE PHILLIPS, R.N., Superintendent Emeritus, Doernbecher Hospital.
LAURENCE SELLING, M.D., Professor Emeritus of Medicine.

Basic Science Departments

Anatomy
OLOF LARSELL, Ph.D., Sc.D., Professor; Head of Department.
ANTHONY A. PEARSON, Ph.D., Professor.
WILLIAM A. SOTLER, Ph.D., Assistant Professor.
ARCHIE R. TUNTURI, Ph.D., M.D., Assistant Professor
DOROTHY-JANE SCOTT, B.A., Instructor.
DONALD E. OLSON, M.D., Teaching Fellow.
LEONARD B. HANSON, B.S., Student Assistant.
DAVID G. WHITLOCK, B.S., Student Assistant.
IRENE E. HANSON, Secretary.

Bacteriology
HARRY JOHNSON SEARS, Ph.D., Professor; Head of Department.
ARTHUR W. FREISCH, Ph.D., M.D., Associate Professor.
LYLE VEAZIE, Ph.D., Assistant Professor.
INEZ BROWNLEE, M.S., Instructor.
ALVA R. HUCKINS, Research Assistant.
RUBY PETERS, Technician.

Biochemistry

EDWARD STAUNTON WEST, Ph.D., Professor; Head of Department.
WILBERT R. TODD, Ph.D., Associate Professor.
JOHN T. VAN BRUGGEN, Ph.D., Assistant Professor.
JON V. STRAUMFJORD, M.D., Research Associate.
LETA GERHSITZ, B.S., Research Assistant.
HOWARD M. HACKEDORN, M.D., Research Assistant.
DORIS M. HIGHER, Ph.D., Research Assistant.
RUTH D. PETERSON, B.S., Research Assistant.
ELLEN L. TALMAN, B.A., Research Assistant.
MAX COOKE, M.S., Student Assistant.
RICHARD J. HAVEL, B.A., Student Assistant.
DONALD M. JENKINS, Student Assistant.

PATHOLOGY

WARREN CLAIR HUNTER, M.D., Professor; Head of Department.
FRANK RAYMOND MENZE, M.D., Clinical Professor.
VINTON D. SNEEDEN, M.D., Associate Professor.
ROBERT D. JOHNSTON, M.D., Assistant Professor.
RAYMOND D. GRONDAHL, M.D., Assistant Professor of Clinical Pathology.
CHARLES H. MANLOVE, M.D., Clinical Associate.

Clinical Departments

MILITARY SCIENCE AND TACTICS

I. A. WILKS, M.D., Lieutenant Colonel, Medical Corps, U.S.A., Professor.

Clinical Departments

MEDICINE

Internal Medicine

HOWARD P. LEWIS, M.D., Professor; Head of Department.
DAVID W. E. BAIRD, M.D., Professor.
ROBERT L. BENSON, M.D., Clinical Professor.
JOHN HAROLD FITZGERALD, M.D., Clinical Professor.
BLAIR HOLCOMB, M.D., Clinical Professor.
MERL MARGASON, M.D., Clinical Professor.
EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division of Experimental Medicine.

HOMER PARROTT RUSH, M.D., Clinical Professor.
IDSOON CHREDAC BULL, M.D., Associate Clinical Professor.
WESLEY EMMET GATEWOOD, M.D., Associate Clinical Professor.
CARL G. HELLER, Ph.D., M.D., Associate Professor.
CHARLES N. HOLMAN, M.D., Associate Professor.
IRA A. MANVILLE, M.D., Associate Clinical Professor.
MATTHEW CASEY RIDDLE, M.D., Associate Clinical Professor.
CHARLES EDWIN SEARS, M.D., Associate Clinical Professor.
WILLIAM S. CONKLIN, M.D., Assistant Clinical Professor.
ROBERT S. DOW, M.D., Assistant Clinical Professor.
EARL DAFORD DU BOIS, M.D., Assistant Clinical Professor.
LEON ALBERT GOLDSMITH, M.D., Assistant Clinical Professor.
MORTON GOODMAN, M.D., Assistant Clinical Professor.
HANCE P. HANES, M.D., Assistant Professor.
WILLARD FLETCHER HOLLENBECK, M.D., Assistant Clinical Professor.
CARLY J. HOLLINGWORTH, M.D., Assistant Clinical Professor.
JOHN KRYGIER, M.D., Assistant Clinical Professor.
MELE WAYLAND MOORE, M.D., Assistant Clinical Professor.
FRANK FREEMAN, M.D., Assistant Clinical Professor.
ARTHUR SAMUEL ROSENFIELD, M.D., Assistant Clinical Professor.
JAMES T. SPEROS, M.D., Assistant Clinical Professor.
FRANK UNDERWOOD, M.D., Assistant Clinical Professor.

EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division of Experimental Medicine.

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EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division of Experimental Medicine.

EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division of Experimental Medicine.

EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division of Experimental Medicine.
ROGER H. KEANE, M.D., Clinical Associate.
GEORGE B. LONG, M.D., Clinical Associate.
GUY R. MCCUTCHEON, M.D., Clinical Associate.
RAYMOND A. McMAHON, M.D., Clinical Associate.
LEO J. MEISENBERG, M.D., Clinical Associate.
JOSEPH MILLER, M.D., Clinical Associate.
ROBERT W. MILLER, M.D., Clinical Associate.
JOHN H. MILLS, M.D., Clinical Associate.
JOHN R. MONTAGUE, M.D., Clinical Associate.
LUTHER TOWNSEND NELSON, M.D., Clinical Associate.
WILLIAM C. PANTON, M.D., Clinical Associate.
JOSEPH F. PAQUET, M.D., Clinical Associate.
WILLIAM J. SWETT, M.D., Clinical Associate.
BEN VIDGOFF, M.D., Clinical Associate.
BERTHARD O. WOODS, M.D., Clinical Associate.
HOWARD E. ALLEN, M.D., Clinical Instructor.
RUSSEL L. BAKER, M.D., Clinical Instructor.
EDMUND H. BERGER, M.D., Clinical Instructor.
GEORGE A. BOWLIN, M.D., Clinical Instructor.
HARRY C. BROWNE, M.D., Clinical Instructor.
CHARLES W. COFFEN, M.D., Clinical Instructor.
WILLIAM COHEN, M.D., Clinical Instructor.
NORMAN A. DAVID, M.D., Clinical Instructor.
SAMUEL DIACK, M.D., Clinical Instructor.
JOHN E. FIELD, M.D., Clinical Instructor.
G. ALAN FISHER, M.D., Clinical Instructor.
LOIS FRAYSER, M.D., Clinical Instructor.
MARTIN F. GILMORE, M.D., Clinical Instructor.
CHARLES M. GROSSMAN, M.D., Clinical Instructor.
H. CLAGETT HARDING, M.D., Clinical Instructor.
HARMON T. HARVEY, M.D., Clinical Instructor.
RALPH E. HIBBS, M.D., Clinical Instructor.
MARCUS M. HORENSTEIN, M.D., Clinical Instructor.
DANIEL H. LARBY, M.D., Clinical Instructor.
CHARLES E. LITTLEHales, M.D., Clinical Instructor.
LEWIS ARTHUR LODMELL, M.D., Clinical Instructor.
THOMAS J. MATHEWS, M.D., Clinical Instructor.
ROY R. MATHER, M.D., Clinical Instructor.
JOHN D. McGOVERN, M.D., Clinical Instructor.
WALTER A. NOEHREN, M.D., Clinical Instructor.
HAYES PETERSON, M.D., Clinical Instructor.
JOHN M. PIERSON, M.D., Clinical Instructor.
GORDON PREWITT, M.D., Clinical Instructor.
ARTHUR L. ROGERS, M.D., Clinical Instructor.
ERNST W. SAWARD, M.D., Clinical Instructor.
MARVIN SCHWARTZ, M.D., Clinical Instructor.
WILLIAM C. SCOTT, M.D., Clinical Instructor.
PHILIP SELLING, M.D., Clinical Instructor.
FRANZ R. STENZEL, M.D., Clinical Instructor.
DAVID K. TAYLOR, M.D., Clinical Instructor.
JOHN D. WELCH, M.D., Clinical Instructor.
HERBERT L. ARMENBOUT, M.D., Resident.

JARVIS GOULD, M.D., Resident.
JANE LINDGREN, M.D., Resident.
JAMES T. PIERSON, M.D., Resident.
JAMES A. RILEY, M.D., Resident.

Allergy
ROBERT L. BENSON, M.D., Clinical Professor; Head of Division.
MEZIE WAYLAND MOORE, M.D., Assistant Clinical Professor.
FRANK PERLMAN, M.D., Assistant Clinical Professor.
ROY R. MATHER, M.D., Clinical Instructor.

Cardiology
HOMER PARROTT RUSH, M.D., Clinical Professor; Head of Division.
ISIDOR CHENNIC BRILL, M.D., Associate Clinical Professor.
MATTHEW CASEY RIDDLE, M.D., Associate Clinical Professor.
LEON ALBERT GOLDSMITH, M.D., Assistant Clinical Professor.
HARVEY F. HANBY, M.D., Assistant Professor.
FRANK UNDERWOOD, M.D., Assistant Clinical Professor.
CHARLES PEARSON WILSON, M.D., Assistant Clinical Professor.
AUBREY M. DAVIS, M.D., Clinical Associate.
JOHN H. MILLS, M.D., Clinical Associate.
JOSEPH F. PAQUET, M.D., Clinical Associate.
WILLIAM J. SWETT, M.D., Clinical Associate.
CHARLES W. COFFEN, M.D., Clinical Instructor.
JOHN M. PIERSON, M.D., Clinical Instructor.
MARVIN SCHWARTZ, M.D., Clinical Instructor.
FRANZ R. STENZEL, M.D., Clinical Instructor.
JOHN D. WELCH, M.D., Clinical Instructor.

Chest Diseases
WILLIAM S. COWLING, M.D., Assistant Clinical Professor; Head of Division.
MORTON GOODMAN, M.D., Assistant Clinical Professor.
CARL J. HOLINGWORTH, M.D., Assistant Clinical Professor.
JAMES T. SPEROS, M.D., Assistant Clinical Professor.
WILLIAM COHEN, M.D., Clinical Instructor.
SAMUEL DIACK, M.D., Clinical Instructor.

Diabetes and Metabolism
BLAIR HOLCOMB, M.D., Clinical Professor; Head of Division.
IRA A. MANVILLE, M.D., Associate Clinical Professor.
ROBERT M. CROMMELIN, M.D., Clinical Associate.
ROGER HOLCOMB, M.D., Clinical Associate.

Endocrinology
CARL G. HELLER, M.D., Ph.D., Associate Professor; Head of Division.
WILLIAM C. PANTON, M.D., Clinical Associate.
BEN VIDGOFF, M.D., Clinical Associate.
HARVEY T. HARVEY, M.D., Clinical Instructor.
JOHN D. McGOVERN, M.D., Clinical Instructor.

Gastroenterology
JOHN HAROLD FITZGERALD, M.D., Clinical Professor; Head of Division.
EARL DANFORD DU BOIS, M.D., Assistant Clinical Professor.
WILLARD F. HOLLENSCHEK, M.D., Assistant Clinical Professor.
JOHN KRYGER, M.D., Assistant Clinical Professor.
RUSSELL H. KEANE, M.D., Clinical Associate.
GEORGE B. LONG, M.D., Clinical Associate.
LEO J. MEHLENBERG, M.D., Clinical Associate.
JOHN H. MILLS, M.D., Clinical Associate.
BERTHA P. WOODS, M.D., Clinical Associate.
GEORGE A. BOYSTON, M.D., Clinical Instructor.
JOHN E. FIELD, M.D., Clinical Instructor.
CHARLES E. LITTLEHALES, M.D., Clinical Instructor.
LENNER ARTHUR LEITNER, M.D., Clinical Instructor.

Hematology
EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division.
JOSEPH MILLER, M.D., Clinical Associate.
RUSSELL L. BAKER, M.D., Clinical Instructor.
MARTIN F. GILMORE, M.D., Clinical Instructor.
JONAH LI, M.D., Fellow.

Neurology
MERLE MARGASON, M.D., Clinical Professor; Head of Division.
ROBERT S. DOW, M.D., Assistant Clinical Professor.
EDGAR MURRAY BURNS, M.D., Clinical Associate.
RICHARD R. CARTER, M.D., Clinical Instructor.
PHILIP SELLING, M.D., Clinical Instructor.

Psychiatry
HENRY HADLEY DIXON, M.D., Clinical Professor; Head of Division.
HERMAN A. DICKEL, M.D., Assistant Clinical Professor.
GERHARD B. HAUGEN, M.D., Assistant Clinical Professor.
WENDELL H. HUTCHINS, M.D., Assistant Clinical Professor.
DEWITT CLINTON BURKES, M.D., Clinical Associate.
JOHN W. EVANS, M.D., Clinical Associate.
LENA KENIN, M.D., Clinical Associate.
IVOR M. CAMPBELL, M.D., Clinical Instructor.
ROBERT A. COEN, M.D., Clinical Instructor.
LENNER ARTHUR LEITNER, M.D., Clinical Instructor.

Dermatology and Syphilology
LYLE BOYLE KINGSERY, M.D., Clinical Professor; Head of Division.
JOYCE DAHL, M.D., Assistant Clinical Professor.
ALFRED ILLE, M.D., Assistant Clinical Professor.
JOHN HENRY LABADIE, M.D., Assistant Clinical Professor.
THOMAS L. SANDERS, M.D., Assistant Clinical Professor.
WILL C. DAVIS, M.D., Clinical Associate.
LEON F. RAY, M.D., Clinical Associate.
CONRAD DELAVETRE, M.D., Resident.
OWEN G. MILLER, M.D., Resident.

Radiology
WILLIAM YOUNG BURTON, M.D., Associate Clinical Professor; Acting Head of Division.
DORWIN LEWIS PALMER, M.D., Associate Clinical Professor.

Hematology
EDWIN EUGENE OSGOOD, M.D., Professor; Head of Division.
JOSEPH MILLER, M.D., Clinical Associate.
RUSSELL L. BAKER, M.D., Clinical Instructor.
MARTIN F. GILMORE, M.D., Clinical Instructor.
JONAH LI, M.D., Fellow.

Neurology
MERLE MARGASON, M.D., Clinical Professor; Head of Division.
ROBERT S. DOW, M.D., Assistant Clinical Professor.
EDGAR MURRAY BURNS, M.D., Clinical Associate.
RICHARD R. CARTER, M.D., Clinical Instructor.
PHILIP SELLING, M.D., Clinical Instructor.

Psychiatry
HENRY HADLEY DIXON, M.D., Clinical Professor; Head of Division.
HERMAN A. DICKEL, M.D., Assistant Clinical Professor.
GERHARD B. HAUGEN, M.D., Assistant Clinical Professor.
WENDELL H. HUTCHINS, M.D., Assistant Clinical Professor.
DEWITT CLINTON BURKES, M.D., Clinical Associate.
JOHN W. EVANS, M.D., Clinical Associate.
LENA KENIN, M.D., Clinical Associate.
IVOR M. CAMPBELL, M.D., Clinical Instructor.
ROBERT A. COEN, M.D., Clinical Instructor.
LENNER ARTHUR LEITNER, M.D., Clinical Instructor.

Dental and Oral Medicine
ARTHUR WILLIAM CHANCE, D.D.S., M.D., Clinical Professor; Head of Division.
HAROLD JUDD NOYES, D.D.S., M.D., Clinical Professor.
JOHN HAROLD ROSSMAN, D.D.S., M.D., Clinical Associate.
RICHARD PAUL STRAHL, D.M.D., Clinical Associate.
O. T. WHERBY, 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.
ROBERT A. EPPENETER, D.D.S., Clinical Instructor.
J. D. FINLEY, D.M.D., Clinical Instructor.
RALPH LEWIS 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 A. ROSENTHAL, D.M.D., Clinical Instructor.
CHARLES E. SMITH, D.M.D., Clinical Instructor.
ARTHUR F. WEEKS, D.M.D., Clinical Instructor.
HARRY WINKLER, D.M.D., Clinical Instructor.

Surgery
WILLIAM KENNETH LIVINGSTON, M.D., Kenneth A. J. Mackenzie Professor of Surgery; Head of Department.
EUGENE WATSON ROCKETT, M.D., Clinical Professor.
DEAN SEABROOK, M.D., Clinical Professor.
LOUIS PEACON GAMBLE, M.D., Associate Clinical Professor.

* Completed internship June 30, 1947.
James Gius, M.D., Associate Clinical Professor.
John H. Hersh, M.D., Associate Clinical Professor.
John Raaf, M.D., Associate Clinical Professor.
Clarence William Brunken, M.D., Assistant Clinical Professor.
William S. Conklin, M.D., Assistant Clinical Professor.
Ralph M. Dodson, M.D., Assistant Clinical Professor.
Charles E. Gurney, M.D., Assistant Clinical Professor.
Clifford E. Hardwick, M.D., Assistant Professor.
Martin A. Howard, M.D., Assistant Clinical Professor.
Donald R. Laird, M.D., Assistant Clinical Professor.
Carl H. Martzloff, 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.
John C. Adams, M.D., Clinical Associate.
Adalbert G. Betzner, M.D., Clinical Associate.
Darrell C. Bollam, M.D., Clinical Associate.
Allen M. Boyden, M.D., Clinical Associate.
Winfred Henry Buerman, Ph.D., M.D., Clinical Associate.
Lester R. Chauncey, M.D., Clinical Associate.
Arch Diack, M.D., Clinical Associate.
John M. Guiss, M.D., Clinical Associate.
Walter L. Kelsey, M.D., Clinical Associate.
Matthew McKenzie, M.D., Clinical Associate.
Joseph W. Nadal, M.D., Clinical Associate.
John Karl Poppe, M.D., Clinical Associate.
Joseph M. Roberts, M.D., Clinical Associate.
Robert Bell Smalley, M.D., Clinical Associate.
Robert H. Swinney, M.D., Clinical Associate.
Robert A. Wise, M.D., Clinical Associate.
Werner E. Zeller, M.D., Clinical Associate.
Santer D. Canparoli, M.D., Clinical Instructor.
Keith M. Clesby, M.D., Clinical Instructor.
Russell L. Johnsrud, M.D., Clinical Instructor.
Arthur C. Jones, M.D., Clinical Instructor.
Herbert E. Mason, M.D., Clinical Instructor.
Walter R. Munbro, M.D., Clinical Instructor.
H. Minor Nicholls, M.D., Clinical Instructor.
Frank Packard, M.D., Clinical Instructor.
Ambrose B. Shields, M.D., Clinical Instructor.
F. Floyd South, M.D., Clinical Instructor.
Arthur W. Sullivan, M.D., Clinical Instructor.
Robert H. Tinker, M.D., Clinical Instructor.
Frederick L. Coddington, M.D., Resident in Thoracic Surgery.
Julius Hessel, M.D., Resident.
Leonard Jacobsen, M.D., Resident.
Lawrence Lowell, M.D., Resident in Thoracic Surgery.
Clarence G. Peterson, M.D., Resident.
Elton Watkins, M.D., Resident in Thoracic Surgery.
Richard Warrington, M.D., Resident.
Harry Westerberg, M.D., Resident in Thoracic Surgery.

**Orthopaedic Surgery**

Leo Sherman Lucas, M.D., Clinical Professor; Head of Division.
Harry C. Blaine, M.D., Associate Clinical Professor.
Carl Elmer Carlson, M.D., Associate Clinical Professor.
Lawrence Noall, M.D., Associate Clinical Professor.
E. George Cruinnard, M.D., Assistant Clinical Professor.
Gilbert McKeary, M.D., Assistant Clinical Professor.
Gurney A. Kimberly, M.D., Clinical Associate.
Frank B. Smith, M.D., Clinical Associate.
John F. Abele, M.D., Clinical Instructor.
Roderick E. Berg, M.D., Clinical Instructor.
Richard F. Berg, M.D., Clinical Instructor.
Harold E. Davis, M.D., Clinical Instructor.
Joe Brady Davis, M.D., Clinical Instructor.
Orville N. Jones, M.D., Clinical Instructor.
Robert F. Anderson, M.D., Resident.
George W. Cottrell, M.D., Resident.
Boyd G. Holbrook, M.D., Resident.
Carl L. Holm, M.D., Resident.
Edward A. Lebold, M.D., Resident.
Donald Plante, M.D., Resident.
Faultner Short, M.D., Resident.

**Ophthalmology**

Kenneth Carl Swan, M.D., Professor; Head of Department.
John E. Weeks, M.D., Honorary Professor.
Augustus Bertram Dykeman, M.D., Associate Clinical Professor.
Edgar Mele Taylor, M.D., Associate Clinical Professor.
Canfield Beattie, M.D., Assistant Clinical Professor.
Harold M. U'Ren, M.D., Clinical Associate.
Jay B. V. Butler, M.D., Clinical Instructor.
George H. Hentoff, M.D., Clinical Instructor.
Milton B. Steiner, M.D., Clinical Instructor.
Charles W. Browning, M.D., Resident.
Leonard Christensen, M.D., Resident.
Thomas H. Emmens, M.D., Resident.
Robert V. Hill, M.D., Resident.
George C. McCallum, M.D., Resident.
John E. Harris, Ph.D., Research Associate.
Jean Taylor, M.A., Frank Ralston Student Research Assistant.

**Otolology, Rhinology, and Laryngology**

Guy Lee Boyden, M.D., Clinical Professor; Acting Head of Department.
Ralph Perrien Davis, M.D., Clinical Professor.
Paul Bailey, M.D., Associate Clinical Professor.
Robert Budd Karkeet, M.D., Associate Clinical Professor.
Wilson M. Bolton, M.D., Assistant Clinical Professor.
Harry M. Boaty, M.D., Assistant Clinical Professor.
Howard Ernest Carruth, M.D., Assistant Clinical Professor.
David DeWeese, M.D., Assistant Clinical Professor.
Clifford Kuhn, M.D., Assistant Clinical Professor.
Harold Roy Lucas, M.D., Assistant Clinical Professor.
Irving Martin Lupton, M.D., Assistant Clinical Professor.
BRUCE T. TITUS, M.D., Assistant Clinical Professor.
HENRY VICTOR ADIX, M.D., Clinical Instructor.
CANFIELD BEATTIE, M.D., Clinical Instructor.
HAROLD M. E. BOYD, M.D., Clinical Instructor.
GEORGE EARLE CHAMBERLAIN, M.D., Clinical Instructor.
FLOYD L. DUNNAY, M.D., Clinical Instructor.
LESTER TALLMAN JONES, M.D., Clinical Instructor.
LEWIS W. JORDAN, M.D., Clinical Instructor.
ROBERT L. PULLIAM, Jr., M.D., Clinical Instructor.
GEORGE C. SAUNDERS, M.D., Clinical Instructor.
I. JOHN SOCONY, M.D., Clinical Instructor.
MAX SIMONS, M.D., Clinical Instructor.
T. GLEN TEN EYCK, M.D., Clinical Instructor.
HAROLD DEMARS, M.D., Resident.
PAUL B. MYERS, M.D., Resident.
JOHN GUY STROHM, M.D., Clinical Professor; Head of Division.
JACK R. HAM, M.D., Assistant Clinical Professor.
TYRRELL GLEN MIDDOUGALL, M.D., Clinical Associate.
THOMAS R. MONTGOMERY, M.D., Clinical Associate.
SHERMAN J. DREB, M.D., Clinical Instructor.
J. SCOTT GARDNER, M.D., Clinical Instructor.
ALFRED BRUCE CATTLE, M.D., Resident.
WINFIELD F. HERMAN, M.D., Resident.
JOHN LASSELL, M.D., Resident.
ROBERT LLOYD, M.D., Resident.
JOHN H. HUTTON, M.D., Assistant Clinical Professor; Head of Division.
RUSSELL W. ENOS, M.D., Clinical Instructor.
NORMAN E. HAMILTON, M.D., Clinical Instructor.
JOHN O. BRANFORD, M.D., Resident.
CHARLES FLUKE, M.D., Resident.
ANTON C. KIRKHOFF, M.D., Resident.
MARION E. PALMER, M.D., Resident.
HOWARD CECIL STEARNS, M.D., Clinical Professor; Head of Department.
WILLIAM C. HUNTER, M.D., Professor.
VINCENT D. SLEDEN, M.D., Associate Professor.
WILLIAM MILES WILSON, M.D., Associate Clinical Professor.
CLIFFORD FEARL, M.D., Assistant Clinical Professor.
GUNNAR E. NELSON, M.D., Assistant Clinical Professor.
GOODRICH C. CAPEN SCHAUFLER, M.D., Assistant Clinical Professor.
DAVID M. BAKER, M.D., Clinical Instructor.
ROBERT MACBETH BLATCHFORD, M.D., Clinical Instructor.
CHARLOTTE LOUISE CLANCY, M.D., Clinical Instructor.
RUSSELL R. DE ALVAREZ, M.D., Clinical Instructor.
JACK DOWSETT, M.D., Clinical Instructor.
W. RONALD FRAZIER, M.D., Clinical Instructor.
GERALD E. KINZELL, M.D., Clinical Instructor.
GEORGE H. LACE, M.D., Clinical Instructor.
DUNCAN R. NEILSON, M.D., Clinical Instructor.

**FACULTY**

RONALD P. NEILSON, M.D., Clinical Instructor.
KENNETT J. SCALES, M.D., Clinical Instructor.
GIFORD SEITZ, M.D., Clinical Instructor.
JAMES M. WHITELEY, M.D., Clinical Instructor.
ROBERT BROOKS, M.D., Resident.
GEORGE HANE, M.D., Resident.
FRANK LE COQ, M.D., Resident.
ROBERT L. MACROBERT, M.D., Resident.
GORDON MCGOWAN, M.D., Resident.

**PEDIATRICS**

JOSEPH B. BILDERBACK, M.D., Clinical Professor; Head of Department.
MORRIS LOUIS BRIDGEMAN, M.D., Associate Clinical Professor.
JAMES WENDELL ROSENFIELD, M.D., Associate Clinical Professor.
LINDEN HOWARD SMITH, M.D., Associate Clinical Professor.
JOHN H. BENWARD, M.D., Assistant Clinical Professor.
MERL MARGASON, M.D., Assistant Clinical Professor.
S. GORHAM BABSON, M.D., Clinical Instructor.
SCOTT GOODNIGHT, M.D., Clinical Instructor.
WALTER A. GOSS, Jr., M.D., Clinical Instructor.
NELSON WALLACE MERCER, M.D., Clinical Instructor.
EDGAR M. REXTOR, M.D., Clinical Instructor.
ALVIN D. WERT, M.D., Clinical Instructor.
LYND FOLTS, M.D., Resident.
DANIEL LACOXINO, M.D., Resident.
DON E. RICE, M.D., Resident.

**Executive Faculty of Medical School**

PAUL C. PACKER, Chancellor of the State System of Higher Education;
HARRY K. NEWBURN, President of the University of Oregon; DAVID W. E. BAIRD, Dean of the Medical School; JOSEPH B. BILDERBACK, NORMAN A. DAVID, HENRY H. DIXON, CHARLES N. HOLMAN, WARREN C. HUNTER, LYLE B. KINGERY, OLOF LARSELL, HOWARD P. LEWIS, WILLIAM K. LIVINGSTON, LEO S. LUCAS, EDWIN E. OSGOOD, HARRY J. SEARS, HOWARD C. STEARNS, J. GUY STROHM, BENNETT C. SWAN, ADOLF WEINZIRL, EDWARD S. WEST, WILLIAM E. YOUmans, WILLIAM A. ZIMMERMAN (secretary, ex officio).

**Standing Committees**

Admission and Advanced Standing—EDWARD S. WEST (chairman), WILLIAM B. YOUmans, the Registrar of the Medical School (ex officio).
Curriculum and Schedule—HOWARD P. LEWIS (chairman), OLOF LARSELL, WILLIAM K. LIVINGSTON, HOMER P. RUSE, ADOLF WEINZIRL, WILLIAM B. YOUmans, WILLIAM A. ZIMMERMAN (ex officio).
Graduate Council—OLOF LARSELL (chairman), MATTHEW C. RIDGE, KENNETT C. SWAN, EDWARD S. WEST, WILLIAM B. YOUmans, HENRIETTA DOLZ.
Graduation—LYLE B. KINGERY, WILLIAM A. ZIMMERMAN.
Henry Waldo Coe Prize—HARRY J. SEARS (chairman), HANCE F. HANEY, WILLIAM K. LIVINGSTON.
Internships—WARREN C. HUNTER (chairman), HANCE F. HANEY, CHARLES N. HOLMAN, WILLIAM A. ZIMMERMAN.
Jones Lectureship—HOWARD P. LEWIS (chairman), HANCE F. HANEY.
Library—Olof Larsell (chairman), Frank R. Menne, Goodrich C. Schauffler, Kenneth C. Swan, John E. Weeks, the Librarian of the Medical School (ex officio).


Student Health—Norman A. David (chairman), Hance F. Haney, Carl J. Hollingworth, Charles N. Holman, Harry J. Sears, Vinton D. Swedeen.

Scholarships—Edward S. West (chairman), Frank R. Menne, Harry J. Sears, William A. Zimmerman, Henrietta Dultz (Department of Nursing Education).

Dean’s Advisory Committee for the Veterans Hospital—Matthew C. Riddle (chairman), Charles N. Holman, Howard P. Lewis, William K. Livingston, Kenneth C. Swan.

Administrative and Service Divisions

Administration

David W. E. Baird, M.D., Dean.
William A. Zimmerman, B.S., Executive Secretary.
Mary C. Goss, B.S., Secretary.

Registrar’s Office

Caroline O. Hoopmann, B.S., Registrar.
Lucile E. Statros, Secretary.

Library

Bertha Brandon Hallam, B.A., Librarian.
Ora Kirshner Goodman, B.S., Catalog Librarian.
Margaret Elizabeth Hughes, B.S., Circulation Librarian.

Business Office

William A. Zimmerman, B.S., Business Manager.
Amy Frederick, B.S., Assistant Business Manager.

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

David W. E. Baird, M.D., Dean.
Charles N. Holman, M.D., Medical Director and Administrator.
William A. Zimmerman, B.S., Assistant Administrator.
Gwynn C. Brice, Administrative Assistant.
Bernadine Carrico, Secretary.

Howard P. Lewis, M.D., Chief of Medical Service.
William K. Livingston, M.D., Chief of Surgical Service.

FACULTY

Howard C. Stearn, M.D., Chief of Obstetrical and Gynecological Service.
Joseph B. Bilderback, M.D., Chief of Pediatric Service.
Guy L. Botden, M.D., Acting Chief of Otolaryngological Service.
Kenneth C. Swan, M.D., Chief of Ophthalmological Service.
Henry H. Dixon, M.D., Chief of Psychiatric Service.
Lytle B. Kingery, M.D., Chief of the Dermatological and Syphilological Service.
Arthur W. Chance, D.D.S., M.D., Chief of Dental Medical Service.
Leo S. Lucas, M.D., Chief of Orthopaedic Service.
J. Guy Stough, 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.
William Y. Burton, M.D., Acting Chief of Radiological Service.
Warren C. Hunter, M.D., Chief of Pathological Service.
Arthur C. Jones, M.D., Chief of Physical Medicine.
John H. Hutchinson, M.D., Chief of Anaesthetia Service.
Raymond D. Grondaal, M.D., Director of Clinical Laboratories.

Marjorie Merrick, B.S., 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

Charles N. Holman, M.D., Medical Director and Administrator.
John H. Benward, M.D., Assistant Medical Director.
Shirley M. Thompson, M.S., R.N., Superintendent.

Joseph B. Bilderback, M.D., Chief of Staff.
William Y. Burton, M.D., Radiologist.
Raymond D. Grondaal, M.D., Director of Clinical Laboratories.
Warren C. Hunter, M.D., Pathologist.
Arthur C. Jones, M.D., Chief of Physical Medicine.

Winnifred E. de Witt, B.S., R.N., Surgery Supervisor.
Phyllis Taw Nelson, B.S., Dietitian.
Evelyn J. Barton, R.N., Supervisor.
Blanche Chelewski, R.N., Supervisor.
Jewell Neuenfeldt, B.A., R.N., Supervisor.
Elaine Deutch, B.S., R.N., Supervisor.

General Outpatient Unit

Charles N. Holman, M.D., Medical Director and Administrator.
Gwynn C. Brice, Administrative Assistant.
William Y. Burton, M.D., Radiologist.
Hilda E. Drum, R.T., Chief X-ray Technician.
Raymond D. Grondaal, M.D., Director of Clinical Laboratories.
Mary Elizabeth Baptist, B.A., M.T., Chief Laboratory Technician.
Warren C. Hunter, M.D., Pathologist.
Arthur C. Jones, M.D., Chief of Physical Medicine.
L. Bernice Carr, R.N., Physical Therapist.
John H. Hutton, M.D., Anaesthetist.
Marian W. Parsell, R.N., Director of Nursing Service.

Mildred Bergheim, M.A., Supervisor of Social Service.
James C. Shirley, Ph.G., Pharmacist.
Margorie Merrick, B.S., Admitting Officer.
Laura Martin, R.N., R.R.L., Record Librarian.
Mathilda Grunow, B.S., Dietitian.

Multnomah Hospital Unit

Charles N. Holman, M.D., Medical Director.
Ethel Katherine Sears, B.S., R.N., Director of Nursing.
Hyacinth McBride, Secretary.

William Y. Burton, M.D., Radiologist.
Warren C. Hunter, M.D., Pathologist.
John H. Hutton, M.D., Anaesthetist.

Arthur C. Jones, M.D., Chief of Physical Medicine.

Verna Johnson, R.N., Office Supervisor.
Ruby Goff, B.S., R.N., Assistant Director of Nurses.
Agnes McConnell, B.S., R.N., Obstetrical Supervisor.
Alice Sharp, R.N., Surgical Supervisor.
Dorothy McRea, B.S., R.N., Evening Supervisor.
Pauline Fischer, B.S., R.N., Dietitian.
Olivia Schepold, Housekeeper.

Dorothy L. Deenea, Chief Engineer.

Robert Markee, Laundry Manager.
Norris Rogers, Ph.G., Pharmacist.

Honora Coyle, R.N., Head Nurse.
Virginia Lee, B.S., R.N., Head Nurse.
Lucilla M. Ludeman, R.N., Head Nurse.
Emma McWilliams, R.N., Head Nurse.
May Rawlinson, B.S., R.N., Head Nurse.

Dorothy M. Roblee, R.N., Head Nurse.
Ruth E. Stucker, R.N., Head Nurse.

Tuberculosis Hospital Unit

David W. E. Baird, M.D., Dean.
Charles N. Holman, M.D., Medical Director and Administrator.
James T. Spencers, M.D., Assistant Medical Director and Director of Outpatient Clinic.

Lavella Phelps, B.S., R.N., Superintendent.

William S. Conklin, M.D., Chief Surgeon.
Grover C. Bellinger, M.D., Clinical Associate.
Selma Hyman, M.D., Radiologist.

John H. Hutton, M.D., Anaesthetist.
Warren C. Hunter, M.D., Pathologist.
Raymond D. Grondaeh, M.D., Director of Clinical Laboratories.
Howard P. Lewis, M.D., Professor of Medicine.
William K. Livingston, M.D., Kenneth A. J. Mackenzie Professor of Surgery.
Howard C. Stearns, M.D., Professor of Obstetrics and Gynecology.
Joseph B. Bildersbach, M.D., Professor of Pediatrics.

Guy L. Boyden, M.D., Professor of Otolaryngology.
Kenneth C. Swan, M.D., Professor of Ophthalmology.
Leo S. Lucas, M.D., Clinical Professor of Orthopaedic Surgery.

Robert W. Chance, D.D.S., M.D., Associate Clinical Professor of Dental Medicine.

Alice McCoy Maddock, B.S., R.N., Surgery Supervisor.
Mary Jones, B.S., Dietitian.

James C. Shirley, Ph.G., Pharmacist.

Erma L. Klenke, R.N., Supervisor.

Ethy Morris, B.S., R.N., Supervisor.

Dorothy Hearn, R.N., Night Supervisor.

Doreen Erikson, B.S., R.N., Evening Supervisor.

Walton O. Harrison, Engineer.

Visiting Physician's Service

Randall White, M.D., Multnomah County Physician.

Donald Bree, M.D., Physician.

Harold Dobbie, M.D., Physician.

Anton D. Elmer, M.D., Physician.

Sophia Warner, M.D., Physician.

Child Guidance Clinic

Henry H. Dixon, M.D., Clinical Professor of Neuropsychiatry.

Herman A. Dickel, M.D., Assistant Clinical Professor of Psychiatry.

John W. Evans, M.D., Clinical Associate in Psychiatry.

Lewis C. Martin, Ph.D., Psychologist.

Gladys Dobson, M.S., Social Service.

State Extension—Child Guidance

Henry H. Dixon, M.D., Chief Psychiatrist.

Robert A. Corn, M.D., Psychiatrist.

Herman A. Dickel, M.D., Psychiatrist.

John W. Evans, M.D., Psychiatrist.

Gerhard B. Haugen, M.D., Psychiatrist.

Wendell H. Huchens, M.D., Psychiatrist.

Leon Lassers, Ph.D., Instructor in Voice and Speech Disorders.

Allan East, M.A., Social Service.

Crippled Children's Division

Paul G. Haffner, M.D., Director.

Alyce Bloom, B.S., R.N., Orthopaedic Nurse Consultant.
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, has 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. Under the terms of the merger, the students of the Willamette University medical department were transferred to the University of Oregon Medical School, and upon graduation received diplomas indicative of the consolidation. The alumni bodies of the two institutions were also merged.

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

Location

PORTLAND (population 420,000), 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 nine 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 300 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 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 provides 63 beds for children. It has 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 of $400,000 from the General Education Board of New York.

The Multnomah Hospital (1923), constructed by the commissioners of Multnomah County, has a capacity of 275 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) 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, Mr. 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
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 extramural clinics. These facilities are effectively coordinated for the clinical needs of the Medical School.

Multnomah Hospital. The first unit of the Multnomah Hospital was opened in 1923. The building, erected 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 275 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 Medical School, the University has access to the hospital for teaching purposes, and the director of the hospital is a University official. The director of the hospital appoints the professional staff, from nominations by the Medical School. The arrangement provides a most successful affiliation for teaching, research, and the care of the sick.

The Doernbecher Memorial Hospital for Children affords every facility for teaching and research in the Department of Pediatrics and in other clinical divisions. Operating funds for the hospital are provided chiefly from state appropriations.

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 are greatly facilitated. The history of the Outpatient Clinic began with the founding of the Portland Free Dispensary in 1891 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 state appropriations, Multnomah County, the Portland Community Chest, the city of Portland, and the Public Welfare Commission.

The University State 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, interns, 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, St. Vincents Hospital, Shriners Hospital for Crippled Children, Waverly Baby Home, and Albertina Kerr Nursery.

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. 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. Approximately 850 autopsies are performed a year.

Library

The Medical School Library contains more than 42,000 volumes of books and bound periodicals and a large number of unbound periodicals. More than 650 current periodicals are received. Through the privileges of interlibrary loan and microfilm service, it is possible to procure within a few days material not in this collection. The Oregon State Board of Medical Examiners, the Portland Academy of Medicine, and the Multnomah County Medical Society contribute part of the annual operating funds.

The Library collections have been enriched by many valuable gifts of books and periodicals from individuals and organizations. Books and objects of medical historical interest are being assembled through the aid of the Women’s Auxiliary to the Oregon State Medical Society and other friends of the Medical School. Material pertinent to participation by Pacific Northwest physicians in World War II is being collected by these agencies, with the aid of the editor of the Service Bulletin of the Oregon State Medical Society. Public acknowledgement of gifts to the Library is made by means of a printed list on the annual Commencement program.

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

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 50 cents is charged for each 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.

Graduate Residency Program

One of the important functions of a medical school is the training of physicians in the medical specialties. The demand for such training has been greatly increased by the return of physicians from the armed services. In response, the Medical School residency program has been expanded to provide approximately 40 appointments.
Residency training follows one year of internship, and consists of a course of study for two or three years devoted entirely to one specialized field of medicine. Instruction is received both in the clinical departments and in related basic science departments of the school.

All residencies have received the approval of the Council on Medical Education and Hospitals of the American Medical Association and of the respective American boards. Residencies are offered in anesthesiology, dermatology and syphilology, internal medicine, obstetrics and gynecology, ophthalmology, orthopaedic surgery, otolaryngology, pathology, pediatrics, radiology, general surgery, thoracic surgery, and urology. Applications should be made to the Medical Director of the Hospitals and Clinics. Appointments are made approximately six months in advance of the beginning of the residency period, July 1.

Postgraduate Program

THE University of Oregon Medical School has made available its teaching and clinical facilities to physicians for continued postgraduate study. To meet the needs of these physicians, an extensive postgraduate program has been arranged, consisting of the following phases:

Informal Refresher Course. For physicians wishing a review of particular phases of medicine, an informal program is offered. Instruction is given by means of clinics, demonstrations, ward walks, and observations. The physician may select the type of instruction he desires and the length of time he wishes to attend. Individual instruction is given by members of the faculty. This program may be started at any time and continued as long as desired.

Fees are $75.00 per month for the first three months, $50.00 per month for the second three months, and $25.00 per month for succeeding months.

Short Intensive Courses. A series of short intensive courses, usually of five days duration, is offered for physicians who wish to pursue postgraduate studies by taking frequent short periods from their practice. These courses are devoted to special subjects and are scheduled throughout the year. Instruction is given by lectures and demonstrations, the method of presentation depending upon the subject covered. These courses, which are a permanent part of the Medical School program, are offered in the following fields: internal medicine, general surgery, orthopaedic surgery, radiology, malignant diseases, obstetrics and gynecology, and pediatrics. Fees charged are $50.00 for the five-day courses and proportionately for shorter courses.

Admission and Requirements

ADMISSION to the Medical School is based upon two types of qualifications. The applicant must present evidence of good character, proper attitude, and sincere interest in the study of medicine. He must also have demonstrated sufficient intellectual ability to undertake satisfactorily the study of medicine, as judged by the premedical scholastic record.

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

### Table: Minimum Acceptable Credit

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<thead>
<tr>
<th>Subject</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>English</td>
<td>14</td>
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<tr>
<td>Mathematics</td>
<td>6</td>
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<tr>
<td>History</td>
<td>2</td>
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<tr>
<td>Latin</td>
<td>2</td>
</tr>
<tr>
<td>French</td>
<td>2</td>
</tr>
<tr>
<td>German or French</td>
<td>2</td>
</tr>
<tr>
<td>Electives</td>
<td>15</td>
</tr>
<tr>
<td>Total</td>
<td>65</td>
</tr>
</tbody>
</table>

The student preparing to study medicine is advised to plan a balance of courses to meet the minimum requirements, of all chemistry credit must be laboratory work.

Because of the large number of applications received from students in the Pacific Northwest region, it is seldom possible to accept applicants from other sections of the country.

### Aptitude Test

Applicants for admission are expected to have taken the aptitude test given for the Association of American Medical Colleges at the
Special Students. Graduates in medicine may register as special students in any course. Graduates in medicine may not be candidates for the degree of Doctor of Medicine.

Students holding only academic degrees may be admitted as special students 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. Such students may not receive academic credit for work in clinical subjects.

Undergraduates may not be admitted to courses in the Medical School as special students.

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

Students who register for special work 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 University of Oregon Medical School. In general, only transfer of work of the entire year. The status of students failing to meet these requirements will be determined by the Promotion Board. Third- and fourth-year students must receive satisfactory grades in all subjects.

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.

Fees and Deposits

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

<table>
<thead>
<tr>
<th>REGULAR FEES</th>
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<tbody>
<tr>
<td>Resident tuition, per term</td>
<td>$60.00</td>
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<tr>
<td>Laboratory and course fee</td>
<td>$11.50</td>
</tr>
<tr>
<td>Building fee, per term</td>
<td>$5.00</td>
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<tr>
<td>Incidental fee, per term</td>
<td>$4.50</td>
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<table>
<thead>
<tr>
<th>GRADUATE FEES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>For graduate students registered for 7 or more term hours of work, per term:</td>
<td></td>
</tr>
<tr>
<td>Tuition</td>
<td>$10.00</td>
</tr>
<tr>
<td>Laboratory and course fee</td>
<td>$11.50</td>
</tr>
<tr>
<td>Building fee</td>
<td>$5.00</td>
</tr>
<tr>
<td>Incidental fee</td>
<td>$4.50</td>
</tr>
<tr>
<td>For graduate students registered for 6 term hours of work or less:</td>
<td>$4.00 per term hour (minimum, $10.00 per term)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DEPOSITS</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Deposit to reserve place in entering class</td>
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</tr>
<tr>
<td>Breakage deposit—first and second years</td>
<td>$15.00</td>
</tr>
<tr>
<td>Breakage deposit—third and fourth years</td>
<td>$10.00</td>
</tr>
<tr>
<td>Breakage deposit—graduate students</td>
<td>$5.00</td>
</tr>
<tr>
<td>Breakage deposit—auditors</td>
<td>$5.00</td>
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</table>

<table>
<thead>
<tr>
<th>SPECIAL FEES</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Registration and laboratory fee for special students registered for 6 term hours of work or less:</td>
<td>$6.50 per term hour (minimum, $10.00 per term)</td>
</tr>
</tbody>
</table>

Auditor's fee:

Registration and course fee per term hour for lectures: $4.00
Registration and course fee per term hour for laboratory courses: $6.50

An auditor is a person who has been permitted to attend classes without receiving academic credit.

Special provisions apply to part-time students and students receiving academic credit.

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

2 The incidental fee is for on-campus health service.

3 Graduate students do not pay a nonresident fee.

4 The cost of any damage done by a student to Medical School property is assessed against the entire class of which he is a member.
In accordance with special authorization from the Jones Pathology Fellowship. This fellowship from higher educational institutions of credits issued after the first, which is issued free of charge.

Evaluation fee ........................................... $5.00

The evaluation fee is charged for the evaluation of transcripts submitted with the application for admission.

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 .................. 25 cents per day

Registration is cancelled after one week, after which a $2.00 fee is required for reinstatement.

**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 Oregon 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 are 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 research in this field.

**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 premedical 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 Mrs. Mildred Anna Williams.

**Pohl Memorial Scholarships.** These scholarships were endowed in 1936 by a gift of $5,000 from Dr. Esther Pohl Lovejoy, in memory of her husband, Dr. Emil Pohl, and her son, Frederick Clayson Pohl. The original gift has been supplemented by additional annual donations from Dr. Lovejoy, which have increased the endowment to about $20,500. Awards are made to students of promise in the field of medicine. Two-thirds of the scholarships are given to men students, one-third to women students. Application should be filed with the office of the dean of the Medical School not later than April 1. Scholarships will be awarded by the dean upon the recommendation of the Scholarship Committee of the Medical School.

**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 incidental 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 of the Medical School not later than April 1.

**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 Dr. George H. Strowbridge, 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 April 1. Scholarships will be awarded by the dean upon the recommendation of the Scholarship Committee of the Medical School.

**The Frank Ralston Research Student Assistantship was made available in 1946 through a gift of $5,000 from Dr. Frank Ralston. The funds are devoted to research in glaucoma under the direction of the head of the Department of Ophthalmology.**

**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 Loan Fund. In May 1942, the W. K. Kellogg Foundation established a $10,000 loan fund at the University of Oregon Medical School for the financial assistance of medical students. Preference is given to first- and second-year students who have demonstrated scholastic ability, character, and need. The usual loan is $250. 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.

Joseph Lipshutz Memorial Essay Award. An award of $50.00 is made annually to the fourth-year medical student writing and presenting the best paper in the field of pediatrics. The award is supported by a $600 fund, contributed by private donors as a memorial to Dr. Joseph Lipshutz, graduate of the Medical School who gave his life for his country in World War II.

University of Oregon Loan Funds. Except in the case of a few funds which are specifically restricted to the 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 a 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 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 Ophuls, professor of pathology, Stanford University; the third in 1922, by Sir Thomas Lewis of London; the fourth in 1925, by Dr. A. J. Carlson, University of Chicago; the fifth in 1926, by Dr. Martin H. Fisher, professor of physiology, University of Cincinnati; the sixth in 1928, by Dr. Julius Bauer of Vienna; the seventh in 1931, by Dr. E. T. Bell, professor of pathology, University of Minnesota Medical School; the eighth in 1932, by Dr. W. B. Cannon, professor of physiology, Harvard University; the ninth in 1933, by Dr. George H. Whipple, dean of the University of Rochester Medical School; the tenth in 1934, by Dr. John Farquhar Fulton, Sterling professor of physiology, Yale University School of Medicine; the eleventh in 1935, by Dr. Wilder Penfield, professor of neurology and neurosurgery, McGill University; the twelfth in 1938, by Dr. Eugene M. Landis, assistant professor of medicine, University of Pennsylvania; the thirteenth in 1938, by Dr. Arno B. Luckhardt, professor of physiology, University of Chicago; the fourteenth in 1940, by Dr. Herbert M. Evans, professor of anatomy and Herstein professor of biology, University of California; the fifteenth in 1941, by Dr. Bradley M. Patten, professor and director of the Department of Anatomy, University of Michigan; and the sixteenth in 1946, by Dr. Fuller Albright, professor of medicine, Harvard University.

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.

The Matie B. Train Research Fund (1944) was established under the will of the late Matie B. Train for research in diseases of the vascular system. The principal of the fund is now about $5,400.

The David P. Mathews Research Fund (1945), approximately $20,000, was made available under the will of the late David P. Mathews. The fund is to be utilized in research and study of improved methods for the treatment and cure of asthma.

The Weeks Ophthalmology Fund (1945) was established through a gift of $5,000 from Dr. and Mrs. John E. Weeks; the fund will be utilized to establish and maintain a clinic at the Medical School for the diagnosis and treatment of anomalies of binocular vision.

Andrew J. Browning Ophthalmologic Memorial Fund (1947) was established through a gift of $3,000 to further the teaching of ophthalmology in the Medical School by purchase of outstanding art illustrating ophthalmic subjects.
Student Health

The student health service program at the Medical School is under the direction of a committee of the faculty. Service to the student is provided in the hospitals and clinics of the Medical School. In addition to the general service of the entire school, arrangement is made for securing the advice and service of the 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. A fee of $4.50 per term is charged each student for health 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 a great medical center in Portland. The officers of the Alumni Association for 1947-48 are:

Dr. John F. Aslin, Portland........President
Dr. Russell H. Kaufman, Portland........Vice President
Dr. George A. Snyder, Spokane........Vice President
Dr. Russell S. Watts, Forest Grove........Secretary
Dr. Thomas A. McKenney, Eugene........Treasurer

Curriculum in Medicine

The curriculum in medicine requires a total of seven years' work beyond high school. The first three years must be satisfactorily completed before admission to the Medical School in Portland. 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 years spent in the Medical School in Portland are devoted to the subjects of the regular four-year curriculum in medicine required by law. The prescribed and recommended subjects for the undergraduate ses-

sions—i.e., premedical instruction—are described under Admission and Requirements. In the first, second, third, and fourth years at the Medical School there are 4,674$ 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.

PRESCRIBED WORK

The hours listed do not include examination periods.

CURRICULUM IN MEDICINE
<table>
<thead>
<tr>
<th>Fourth Year</th>
<th>Aggregate hours</th>
<th>Aggregate hours</th>
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<tbody>
<tr>
<td></td>
<td>Lecture</td>
<td>Clinic</td>
</tr>
<tr>
<td>Sur 661, 662</td>
<td>Anesthesia</td>
<td>22</td>
</tr>
<tr>
<td>Orp 611</td>
<td>Orthopaedics</td>
<td>22</td>
</tr>
<tr>
<td>Orp 612, 613</td>
<td>Surgery of Extremities</td>
<td>44</td>
</tr>
<tr>
<td>Obst., Otol., Rhin., Laryn.:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ey 611</td>
<td>Ophth. Lectures</td>
<td>11</td>
</tr>
<tr>
<td>Ent 611</td>
<td>O. R. and L. Lectures</td>
<td>11</td>
</tr>
<tr>
<td>Urology:</td>
<td>Lectures</td>
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<tr>
<td>Obs 611</td>
<td>Intro. Lect. and Demon.</td>
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<tr>
<td>Obs 612</td>
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</tr>
<tr>
<td>Obs 613</td>
<td>Path. Prep., Labor, and Fuerp.</td>
<td>11</td>
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<tr>
<td>Obs 614</td>
<td>Path. Prep., Labor, and Fuerp.</td>
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<tr>
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<td>Mankin</td>
<td>22</td>
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<tr>
<td>Gyn 612</td>
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<td>Gyn 613</td>
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<td>Pediatrics:</td>
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<td>Ped 611, 612, 613</td>
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<td>Ped 614, 615, 616</td>
<td>Dis. of Inf. and Ch.</td>
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<tr>
<td>Med 624, 625, 626</td>
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<td>Med 627, 628, 629</td>
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<tr>
<td>Med 635</td>
<td>Tuberculosis Clinic</td>
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<tr>
<td>Med 636</td>
<td>Diabetes, and Metabol. Outpatient Clinic</td>
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<tr>
<td>Med 637</td>
<td>Cardiovascular-Renal Outpatient Clinic</td>
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<tr>
<td>Med 651</td>
<td>Medical Jurisprudence</td>
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<tr>
<td>Med 652</td>
<td>Allergy Clinic</td>
<td>11</td>
</tr>
<tr>
<td>Med 653</td>
<td>Medical Economics</td>
<td>11</td>
</tr>
<tr>
<td>Med 654</td>
<td>Tuberculosis Clerkship</td>
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</tr>
<tr>
<td>Med 671</td>
<td>Occupational Med. and Toxicology</td>
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<td>Med 672, 673, 674</td>
<td>Medical Clinics</td>
<td>33</td>
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<tr>
<td>Med 675</td>
<td>Tropical Medicine</td>
<td>22</td>
</tr>
<tr>
<td>Med 680</td>
<td>Gastroenterology Outpatient Clinic</td>
<td>22</td>
</tr>
<tr>
<td>Med 681</td>
<td>Endocrinology Outpatient Clinic</td>
<td>22</td>
</tr>
<tr>
<td>Med 682</td>
<td>Chest Diseases Outpatient Clinic</td>
<td>22</td>
</tr>
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<td>Med 683</td>
<td>Hematology Outpatient Clinic</td>
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<tr>
<td>Neu 614</td>
<td>Nervous Dia. Outpatient Clinic</td>
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<tr>
<td>Neu 615</td>
<td>Nerv. and Mental Clinic</td>
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<td>Ps 618</td>
<td>Psychiatry Outpatient Clinic</td>
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<td>Ps 619</td>
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<td>Sur 661</td>
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<tr>
<td>Orp 616</td>
<td>Ophth. Outpatient Clinic</td>
<td>33</td>
</tr>
</tbody>
</table>
MEDICAL School courses are numbered in accordance with the uniform course-numbering system of the Oregon State System of Higher Education. This numbering system, as it applies to the Medical School courses, is as follows:

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

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

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

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

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

Basic-Science Departments

ANATOMY

REQUISITED COURSES

FIRST YEAR

An 411, 412, 413. Gross Anatomy. 6 hours fall, 8 hours winter, 4 hours spring. Lectures and quizzes, 3 hours; laboratory, 9 hours; 396 hours. Drs. Pearson, Stotler, and assistants.

An 414, 415. Microanatomy. 6 hours fall, 4 hours winter. Winter: lectures and quizzes, 2 hours; laboratory, 6 hours; 220 hours. Drs. Larsell, Tunturi, and assistants.

An 411. Neurology and Organs of Special Senses. 4 hours spring. Prerequisites: An 411-415. Lectures, 2 hours; laboratory, 6 hours; 88 hours. Drs. Larsell, Tunturi, and assistants.

ELECTIVE COURSES

An 416. Microscope Technique. 2 hours winter. Limited to 12 students. Registration only after consultation with instructor. Laboratory, 6 hours; 66 hours. Dr. Larsell and Mrs. Scott.

BACTERIOLOGY

REQUISITED COURSES

FIRST YEAR

Bac 413. Medical Bacteriology and Immunology. 6 hours spring. Lectures and recitations, 2 hours; laboratory, 6 hours; 88 hours. Drs. Sears, Frisch, and Veazie.

SECOND YEAR

Bac 414. Medical Bacteriology and Immunology. 4 hours fall. Lectures and recitations, 2 hours; laboratory, 6 hours; 88 hours. Drs. Sears, Frisch, and Veazie.

ELECTIVE COURSES

Bac 401. Research in Bacteriology and Immunology. Hours to be arranged. Drs. Sears and Frisch.

Bac 505. Reading and Conference. Any term, hours to be arranged. Drs. Sears and Frisch.

Bac 507. Seminar in Bacteriology and Immunology. 1 hour any term. Meetings of the departmental staff and assistants with a number of spe-
cially 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. Drs. Sears and Frisch.

**BIOCHEMISTRY**

**REQUIRED COURSES**

**FIRST YEAR**

BCh 411, 412. Biochemistry. 6 hours each term, fall and winter.

Fall: lectures, 4 hours; laboratory, 6 hours. Winter: lectures, 3 hours; laboratory, 9 hours; 242 hours. Drs. West, Todd, and Van Bruggen, and assistants.

**ELECTIVE COURSES**

BCh 501. Biochemistry Research. Any term, hours to be arranged.

Drs. West and Todd.

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

Dr. West.

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

BCh 512. Advanced Biochemistry. Spring, hours to be arranged.

The work 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 fall.

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 fall.

Study of prepared slides supplemented by experiments; fresh and museum specimens. Lectures and recitations, 3 hours; laboratory, 9 hours; 132 hours. Drs. Hunter or Sneeden.

Pth 512. General Pathology. 6 hours winter.

Lectures, 3 hours; laboratory, 9 hours; 132 hours. Dr. Hunter or Dr. Sneeden.

**THIRD YEAR**

Pth 514. Gynecological and Obstetrical Pathology. 1½ hours fall or spring.

**FOURTH YEAR**

Pth 515. Laboratory Neuropathology. 1½ hours fall.

Continuation of Pth 511; 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. Lectures, 1 hour; laboratory, 2 hours; 33 hours. Drs. Lidbeck, Queen, and Raaf, and assistants.

Pth 516. 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.

Pth 517. Surgical Pathology. 1½ hours.

Two hours a week for one term and two hours a week for 5½ weeks; 33 hours. Dr. Hunter and staff.

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. Hunter or Dr. Sneeden.

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

Drs. Hunter and Sneeden.

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

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

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

Systematic study of microscope section of autopsy tissues. Open to students who have had at least one term's work in pathology. Drs. Hunter and Sneeden.

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

Dr. Hunter.

Pth 514. 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. Hunter, Johnston, and Sneeden, and assistants.

Pth 516. Tumor Clinic. ½ or 1 hour, one section each term.

Attendance at tumor clinic at U. S. Veterans' Hospital. Two hours a week for 5½ weeks, 11 hours; or two hours a week for 11 weeks, 22 hours. Dr. Menne.
PHARMACOLOGY

Required Courses

SECOND YEAR

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

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


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 investigations of pharmacological problems. Dr. David.

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

Phc 507. Seminar. 2 hours spring.
Open to third- and fourth-year students; 2 hours; 22 hours. Dr. David.

Phc 514. Toxicological Analysis. 2 hours spring.
(Second year.) Lectures and quizzes, 1 hour; laboratory, 3 hours; 44 hours. Limited to 16 students. Dr. David.

PHYSIOLOGY

Required Courses

FIRST YEAR

Phy 412. Digestive System, Endocrinology, Metabolism, and Renal Physiology. 5 hours spring.
Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Youmans, Heller, and Renshaw, and assistants.

SECOND YEAR

Phy 411. Blood, Circulation, and Respiration. 5 hours fall.
Prerequisites: BCh 411, 412. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Youmans, Heller, and Renshaw, and assistants.

Phy 413. Nervous System and Senses. 5 hours winter.
Prerequisites: An 411, 412, 413. Lectures and recitations, 3 hours; laboratory, 6 hours; 99 hours. Drs. Youmans, Heller, and Renshaw, and assistants.

ELECTIVE COURSES

Phy 414. History of Physiology. 1 hour winter.
One hour a week. Limited to 10 students. 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.

Required Courses

Mil 411, 412, 413. Military Medicine (First Year). 1 hour each term.
Mil 414, 415, 416. Military Medicine (Second Year). 1 hour each term.
Military organization, history of military medicine, theoretical schools of the soldier and company, first aid, organization and administration of the medical department, map reading, tactics, and the use of medical units in peace and war. Lieutenant Colonel Wiles.

Elective Courses

Mil 417, 418, 419. Advanced Military Medicine (Third Year). 1 hour each term.
Mil 420, 421, 422. Advanced Military Medicine (Fourth Year). 1 hour each term.
Completion of the elementary course or its equivalent is a prerequisite. 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 military hospitals and hospitalization, school of the officer, medical and surgical diseases peculiar to war, aviation medicine, and allied subjects. A summer camp of six weeks' duration is required as part of the advanced course. While in attendance at camp, students receive the pay of privates first class of the U. S. Army, and are furnished uniforms, shelter, subsistence, medical service, and
transporation to and from camp. Commutation of subsistence amounting to approximately $321 is now paid during the period of the advanced course. Additional allowances are contemplated but will require Congressional action. Lieutenant Colonel Wiles.

Clinical Departments

MEDICINE

INTERNAL MEDICINE

REQUISITED COURSES

SECOND YEAR

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

Med 612, 613, 614. Physical Diagnosis. 2 hours each term, fall and winter; 3 hours spring.
Lectures, 66 hours (total); demonstration, 44 hours (total); 110 hours. Drs. Lewis, Haney, Littlehales, Philip Selling, 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. Baker, Coffen, Crommelin, Forster, Goodman, Krygier, Mathews, McCutchen, Joseph Miller, Robert Miller, Panton, Paquet, and Schwartz.

Med 619, 620, 621. Medical Clinic. 1 hour each term.
Multnomah Hospital. One hour throughout the year, in sections; 33 hours. Drs. Gatewood, Perlman, and Riddle.

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. Lewis, Dow, Haney, Heller, Holman, and Osgood.

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; 132 hours. Drs. Lewis, Brill, Coffen, Conklin, Crommelin, Fitzgibbon, Goldsmith, Haney, Heller, Holcomb, Hollenbeck, Keane, Margason, Moore, Osgood, Riddle, Rush, Schwartz, Speros, Stenzel, Swett, Underwood, Weinzirl, and Wilson.

FOURTH YEAR

Med 626, 621, 622. Medical Outpatient Clinic. 2 hours each term.

Med 627, 628, 629. Medical Clinic. ½ hour each term.
Tuberculosis Hospital. Diseases of the chest. One hour throughout the year; 33 hours. Drs. Conklin and Speros.

Med 635. Tuberculosis Clinic. 1 hour, one section each term.
Outpatient Clinic. Four hours a week for 5½ weeks, throughout the year, in sections; 22 hours. Drs. Cohen, Goodman, and Speros.

Med 636. Diabetes and Metabolism Division, Outpatient Clinic. 1 hour, one section each term.
Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Blair Holcomb, Crommelin, Roger Holcomb, and Manville.

Med 645. Cardiovascular-Renal Disease Division, Outpatient Clinic. 1 hour, one section each term.
Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Rush, Underwood, Brill, Coffen, Davis, Goldsmith, Haney, Paquet, Pierson, Schwartz, Stenzel, Swett, Welch, and Wilson.

Med 651. Medical Jurisprudence. ½ hour spring.
Eleven hours. Drs. Hunter, Sneeden, Richardson, and the district attor­ney of Multnomah County.

Med 658. Allergy Clinic. 1 hour spring.
Outpatient Clinic. One hour a week; 11 hours. Dr. Benson.

Med 661. Medical Economics. ½ hour.
Lectures on medical economics; 11 hours.

Med 664. Tuberculosis Clerkship. ½ hour, one section each term.
Tuberculosis Hospital. One hour a week for 5½ weeks, throughout the year, in sections; 33 hours. Dr. Conklin.

Med 671. Occupational Medicine and Toxicology. 1 hour fall.
Disorders arising from exposure to various toxic substances encountered in industry, and disorders resulting from the use of poisons. Lectures, 11 hours. Dr. David.

Med 672, 673, 674. Medical Clinic. ½ hour each term.
Multnomah Hospital. Demonstrations, one hour a week, throughout the year, in sections; 33 hours. Drs. Lewis and Sears.

Med 678, 679. Tropical Medicine. 1 hour each term, winter and spring.
Diagnosis and clinical and therapeutic aspects of tropical diseases. One hour a week for 22 weeks; 22 hours. Dr. Riddle.

Med 680. Gastroenterology Division, Outpatient Clinic. 1 hour, one section each term.
Outpatient Clinic, clinical conferences. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Fitzgibbon, Holcomb, Boylston, Dubois, Field, Keane, Krygier, Littlehales, Lodmell, Long, Meienberg, and Woods.

Med 681. Endocrinology Division, Outpatient Clinic. 1 hour, one section each term.
Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Heller, Vidgoff, Harvey, and McGovern.
Med 682. Chest Diseases Division, Outpatient Clinic. 1 hour, one section each term.
   Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Conklin, Speros, Cohen, Samuel Diack, Goodman, and Hollingworth.

Med 683. Hematology Division, Outpatient Clinic. 1 hour, one section each term.
   Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Osgood, Baker, Gilmore, Joseph Miller, and Riddle.

Med 684. Allergy Division, Outpatient Clinic. 1 hour, one section each term.
   Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Benson, Perlman, Matteri, and Moore.

ELECTIVE COURSES

Med 501. Research in Hematology. Any term, hours to be arranged. Dr. Osgood.

Med 505. Reading and Conference. Any term, hours to be arranged.
   For third- and fourth-year students. Dr. Osgood.

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 fall.
   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. Neurology Division, Outpatient Clinic. 1 hour, one section each term.
   Outpatient clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Margason, Dow, Burns, Carter, and Philip Selling.

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. Dow.

PSYCHIATRY

REQUIRED COURSES

SECOND YEAR

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

THIRD YEAR

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

Laboratory Neuropathology. (See Pth 515.)

FOURTH YEAR

Ps 615. Psychiatry Division, Outpatient Clinic. 1 hour, one section each term.
   Outpatient Clinic, clinical conference. Two hours a week for one term; throughout the year, in sections; 22 hours. Drs. Dixon, Dickel, Campbell, Coen, Evans, Haskins, Haugen, Hutchens, and Kenin.

Ps 619. Psychoses. ½ hour fall.
   Lectures and demonstrations of various psychoses from the viewpoint of mental mechanism, etiology, symptomatology, diagnosis, and treatment; 11 hours. Drs. Dickel, 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, Davis, Illege, Ray, 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, Davis, Illege, Labadie, and Saunders.

Der 616. Syphilis Outpatient Clinic. ½ hour, one section each term.
   One hour, twice a week for 5½ weeks; 11 hours. Drs. Dahl, Davis, Illege, and Saunders.
RADIOLOGY

Required Courses

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. Burton, Hyman, and Woolley.

Elective Course

Rad 614. Radiographic Technique. ½ hour any term.
(Third year.) Lectures of a practical nature; the principles of radiography, and actual demonstration of technique; 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 winter.
The general principles of public health activities; control of communicable diseases; organization of Federal, state, local, and other health agencies; elements of infant, school, and industrial hygiene, and vital statistics. Lectures, recitations, and discussions, 3 hours; 33 hours. Dr. Weinzirl.

Elective Courses

PH 501. Research. Any term, hours to be arranged.
PH 505. Reading and Conference. Any term, hours to be arranged.
PH 507. Seminar. Hours to be arranged.

DENTAL AND ORAL MEDICINE

Required Course

THIRD YEAR

DM 612. Dental Facial Growth and Oral Pathology. 1 hour.
The course is designed to give the medical student an appreciation of significant growth and developmental changes in the face and dentition; the nature and systemic relation of oral disease; and the reciprocal relation of systemic disturbance upon the oral tissues. A survey of oral disease is provided by textbook reading; the lectures give special emphasis on dental caries, oral foci of infection, periodontal disease, inflammatory conditions of the oral mucosa, and diagnostic method, including oral radiography. One hour a week for one term; 11 hours. Dr. Noyes.
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Sur 623, 624, 625. General Surgical Clinic. 1 hour each term.
Multnomah Hospital. Two hours a week throughout the year; 66 hours.
Dr. Livingston.

Elective Courses

Sur 627. Proctology Lectures. ½ hour spring.
(Third year.) Prerequisite to Sur 628; 11 hours. Dr. Laird.

Sur 628. Proctology. ½ hour, one section each term.
(Third year.) Prerequisite: Sur 627. 11 hours. Limited to 4 students. Drs. Bollam and Laird.

(Third year.) Lecture and demonstration course on diagnosis, pathology, and treatment; 11 hours.

(Third year.) Lectures and demonstrations; 11 hours.

(Third year.) 11 hours.

Sur 634. Minor Surgery. ½ hour fall.
(Third year.) Lectures and demonstrations; 11 hours. Dr. Gius.

Sur 635. Differential and Regional Neurosurgical Diagnosis and Therapeutics. ½ hour winter.
(Third year.) Lectures and demonstrations; 11 hours. Limited to 12 students. Dr. Raaf.

Sur 636. Acute Abdominal Lesions. ½ hour spring.
(Third 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.
(Third year.) Elective credit for completion of clinical work in the department in addition to that required in the regular Outpatient Clinic course.

ORTHOPAEDIC SURGERY
Required Courses

THIRD YEAR

Orp 611. Orthopaedic Surgery. 1 hour fall.
Lectures, 2 hours a week; 22 hours. Dr. Noall.

Orp 612, 613. Surgery of the Extremities. 1 hour each term, winter and spring.
Systematic lectures and demonstrations dealing chiefly with fractures and other traumatic disorders of the extremities. The upper extremity is covered in one term, the lower in the other. Lectures and clinics, 2 hours; 44 hours. Drs. Blair and Carlson.

FOURTH YEAR

Orp 616. Orthopaedic Outpatient Clinic. 1½ hours each term.
One hour three times a week for 11 weeks; throughout the year, in sec-

OPHTHALMOLOGY

Required Courses

THIRD YEAR

Eye 611. Eye. ½ hour spring.
Lectures and quizzes, 1 hour; 11 hours. Dr. Swan.

Eye 612. Eye Outpatient Clinic. ½ hour, one section each term.
Six hours a week for 5½ weeks; throughout the year, in sections; 33 hours. Drs. Swan, Butler, Henton, and U'Ren.

Eye 613. Eye. ½ hour fall.
Lectures, demonstrations, and quizzes at each lecture and operative clinic; 11 hours. Dr. Swan.

Elective Courses

Eye 601. Research. Any term, hours to be arranged. Dr. Swan.

Eye 615. Advanced Ophthalmology. Any term, hours to be arranged.
(Third year.) Injuries and diseases. Limited to 4 students. Dr. Swan.

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

OTOLOGY, RHINOLOGY, AND LARYNGOLOGY

Required Courses

THIRD YEAR

Ent 611. Ear, Nose, and Throat. ½ hour fall.
Lectures, recitations, and quizzes; 11 hours. Dr. Boyden.

FOURTH YEAR

Ent 612. Ear, Nose, and Throat Outpatient Clinic. 1½ hours, one section each term.
Practical instruction in examination and treatment of cases. Six hours a week for 5½ weeks; throughout the year, in sections; 33 hours. Drs. Adix, Beattie, Bolton, DeWeese, Jordan, Kuhn, Pulliam, Saunders, Scovis, Ten Eyck, and Titus.
Ent 613. Ear, Nose, and Throat. ½ hour winter.
Lectures, demonstrations, and quizzes at each lecture and operative clinic; 11 hours. Drs. Boyden and Bailey.

Elective Courses

Ent 614. Advanced Otolaryngology. ½ hour spring.
(Fourth year.) 11 hours. Limited to 6 students. Drs. Davis and Titus.

Ent 615. Advanced Rhinology. ½ hour fall.
(Fourth year.) One hour a week; 11 hours. Limited to 4 students. Dr. Davis.

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

UROLOGY

Required Courses

Third Year

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

Fourth Year

Ur 612, 613. Urological Clinic. ½ hour each term, fall and winter.
Lectures and clinics; 1 hour; 22 hours. Dr. McDougall.

Ur 614. Outpatient Clinic. 1½ hours, one section each term.
Six hours a week for 5½ weeks throughout the year, in sections; 33 hours. Drs. Hand, Deur, Gardner, and McDougall.

ANAESTHESIOLOGY

Required Courses

Third Year

Sur 661, 662. Lectures on Anaesthesia. ½ hour each term, winter and spring.
Lectures on anaesthetics, with demonstration and description of equipment employed; discussion of history, physiology, signs, and methods of anaesthesia; the various agents employed. Lecture, 1 hour; 22 hours. Dr. Hutton.

Fourth Year

Sur 663. Clerkship in Anaesthesia. ½ hour, one section each term.
Observation of anaesthetic procedures in the operating room, and directed supervision in assisting the administration of the various types of anaesthesia. Two hours a week for 5½ weeks; 11 hours. Dr. Hutton.

Elecetive Course

Sur 607. Anaesthesia Seminar. ½ hour spring.
(Third year.) Discussion of special methods, such as regional anaesthesia and diagnostic blocks; actual case histories from the standpoint of anesthetic 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 fall.
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; 22 hours. Drs. Fearl, Ronald Neilson, and Seitz.

Obs 612. Lecture and Demonstration Course in Obstetrics. 1 hour winter.
Mechanism of normal and abnormal presentation; manikin demonstration; care of the newborn child. Obstetrical technique; forceps, version, puerperal, cesarean section, and embryotomy; 1 hour, twice a week; 22 hours. Drs. Clancy, Fearl, Ronald Neilson, and Seitz.

Obs 613. Pathology of Pregnancy, Labor, and the Puerperium. 1 hour spring.
Lecture and demonstration; 1 hour, twice a week; 22 hours. Drs. Fearl, Ronald Neilson, Seitz, and Wilson.

Obs 614. Attendance at Deliveries. ½ 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. Stearns.

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. Drs. Duncan Neilson and Ronald Neilson.

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. Baker, Fearl, Kinzell, Lage, Duncan Neilson, Ronald Neilson, Nelson, Scales, and Whiting.

Obs 617. Outpatient Service. 1½ hours any term.
Delivery of patients in the home and 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. Dr. Stearns.

Obs 618. Postnatal Clinic. ½ hour, one section each term.
Outpatient Clinic. One hour a week for 5 weeks; 5 hours. Drs. Stearns, Baker, Lage, Duncan Neilson, Ronald Neilson, and Wilson.
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Obs 619, 620, 621. General Clinic. ½ hour each term.
Multnomah Hospital. One hour each week throughout the year; 33 hours. Drs. Nelson and Seitz.

Obs 622. Clerkships. ½ hour, one section each term.
Multnomah Hospital. Two hours a week for 5½ weeks; 11 hours. Dr. Pearl.

**ELECTIVE COURSES**

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

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

**GYNECOLOGY**

**REQUIRED COURSES**

**THIRD YEAR**

Gyn 611. Gynecology. 1 hour winter.
Lectures, demonstrations, and recitations, 2 hours; 22 hours. Dr. Stearns.

Gyn 612. Gynecology. 1 hour spring.
Lectures and recitations, 2 hours; 22 hours. Dr. Stearns.

Gyn 613. Clinical Clerkships. 1½ hours, one section each term.
Multnomah Hospital. In sections; 33 hours. Dr. Duncan Neilson.

Gynecological Pathology. (See Pth 514.)

**FOURTH YEAR**

Gyn 614. Practical Gynecology. 1 hour, one section each term.
Outpatient Clinic. Four hours a week, 5½ weeks; throughout the year, in sections. 22 hours. Drs. Stearns, DeAlvarez, Dowsett, Pearl, Frazier, Lage, Duncan Neilson, Ronald Neilson, 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. Stearns and Pearl.

**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 two-hour period each week; 22 hours. Limited to 8 students. Drs. Stearns, DeAlvarez, Pearl, Lage, Duncan Neilson, and Ronald Neilson.

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, spring term. 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 study of 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, Benward, and Bridgeman.

Ped 617. Clerkships. 1 hour, one section each term.
Doernbecher Hospital. Throughout the year, in sections; 22 hours. Dr. Benward.

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, Benward, Bridgeman, Goodnight, Goss, Mercier, Rector, and Wert.

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, Benward, Lewis, and Margason.

**ELECTIVE COURSES**

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

Ped 620. Infant Feeding Clinic. ½ hour, one section each term.
Outpatient Clinic; 11 hours. Limited to 5 students. Dr. Benward.

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

HENRIETTA DOLTZ, M.N., R.N., Professor; Director of Department of Nursing Education.


*MAJESIE V. WETZEL, M.S., R.N., F.A.P.H.A., Associate Professor.

ELEANOR PALQUIST, M.A., R.N., Associate Professor; Course Director of Public Health Nursing.

JOHANNA VREELAND, M.S., R.N., Associate Professor; Course Director of Teaching and Supervision Programs.

MARY JACKSON, B.S., R.N., Assistant Professor; Supervisor of Clinical Instruction.

GUHLLI OLSON, M.S., R.N., Assistant Professor (Nursing Arts).

GERTRUDE PETERSON, M.P.H., R.N., Assistant Professor; Supervisor of Public Health Field Activities.

OLIVE SLOCUM, M.A., R.N., Assistant Professor; Coordinator for the Preprofessional Curriculum.

EMMA BREMAN, B.S., R.N., Instructor (Surgical Nursing).

JEANETTE BENEFIELD, B.S., R.N., Instructor (Medical Nursing).

MILDA BEKKERM, M.A., Instructor (Medical Social Service).

HELEN CRUKEHAN, B.S., R.N., Instructor (Nursing Arts).

EVA DAVIS, B.S., R.N., Instructor (Public Health Nursing).

PAULINE FISCHER, B.S., R.N., Instructor (Dietetics).

RITA KATZ, B.S., R.N., Instructor (Tuberculosis Nursing).

ROMA KUTTLESBY, B.S., R.N., Instructor (Medical Nursing).

AGNES McCONWELL, B.S., R.N., Instructor (Obstetrical Nursing).

ALICE SHAPIR, R.N., Instructor (Operating Room).

KATHERINE VETSCH, B.S., R.N., Instructor (Pediatric Nursing).

LOUISE WASSON, B.S., R.N., Instructor (Surgical Nursing).

MARIA HIRSCH, Secretary.

Medical-Science Faculty

NORMAN A. DAVID, M.D., Professor of Pharmacology.

WILLIAM C. HUNTER, M.D., Professor of Pathology.

OLOF LARSSON, Ph.D., Sc.D., Professor of Anatomy.

HARRY JOHNSON SEARS, Ph.D., Professor of Bacteriology.

ADOLPH WEINZILL, M.D., Professor of Public Health and Preventive Medicine.

EDWARD STAUNTON WEST, Ph.D., Professor of Biochemistry.

WILLIAM BARTON YOUNG, M.D., Professor of Physiology.

ARTHUR W. FREISCH, Ph.D., M.D., Associate Professor of Bacteriology.

CARL GEORGE HELLE, M.D., Associate Professor of Physiology.

LAWRENCE NOAKES, M.D., Associate Professor of Orthopaedic Surgery.

LENNOX HOWARD SMITH, M.D., Associate Clinical Professor of Pediatrics.

JOHN H. BENWARD, M.D., Assistant Professor of Pediatrics.

HEMMA S. DICKEL, M.D., Assistant Clinical Professor of Psychiatry.

WENDOL H. HUTCHENS, M.D., Assistant Clinical Professor of Psychiatry.

JAMES T. SPHERE, M.D., Assistant Professor of Medicine.


FACULTY

JOHN T. VAN BRUGGEN, Ph.D., Assistant Professor of Biochemistry.

LYLE VEAZIE, Ph.D., Assistant Professor of Bacteriology.

ALLEN M. BOYDEN, M.D., Clinical Associate in Surgery.

GEORGE B. LONG, M.D., Associate in Medicine.

WERNER E. ZELLER, M.D., Clinical Associate in Surgery.

IZZE BROWNLEE, M.S., Instructor in Bacteriology.

CHARLOTTE LOUISE CLANCY, M.D., Clinical Instructor in Obstetrics and Gynecology.

SHERMAN J. DEUR, M.D., Clinical Instructor in Urology.

DAVID D. DEWEES, M.D., Clinical Instructor in Otolaryngology.

TERENCE COCHRAN, M.D., Resident in Pathology.

GEORGE C. MCCALLUM, M.D., Resident in Ophthalmology.

DONALD E. OLSON, M.D., Teaching Fellow in Anatomy.

ALFRED F. HEWITT, M.S., Student Assistant in Physiology.

Hospitals and Clinics Teaching Staff

Deenbecker Children's Hospital

SHIRLEY M. THOMPSON, M.S., R.N., Assistant Professor; Superintendent.

EVELYN JORDAN BARTON, R.N., Instructor; Night Supervisor.

BLANCHE CHELEWSKI, R.N., Assistant Instructor; Head Nurse.

WINNIFRED DE WITT, B.S., R.N., Assistant Instructor; Operating Room Supervisor.

PHYLLIS TAW NELSON, B.S., Assistant Instructor; Dietitian.

JEWEL NEUFELD, B.S., R.N., Assistant Instructor; Head Nurse.

ELAINE R. TEUTSCH, B.S., R.N., Assistant Instructor; Head Nurse.

Maine Hospital

E. KATHERINE SEARS, B.S., R.N., Assistant Professor; Director of Nurses.

DOROTHY McREA, B.S., R.N., Instructor; Night Supervisor.

HONORA COYLE, R.N., Assistant Instructor; Head Nurse.

DORIS B. HARRIS, R.N., Assistant Instructor; Evening Supervisor.

VIRGINIA LEE, B.S., R.N., Assistant Instructor; Head Nurse.

LUELLA M. LUDMAN, R.N., Assistant Instructor; Head Nurse.

CLAIRA McPHERSON, B.S., R.N., Assistant Instructor; Head Nurse.

EMMA HAMMOND McWilliams, R.N., Assistant Instructor; Head Nurse.

MAE RAWLINSON, B.S., R.N., Assistant Instructor; Head Nurse.

DOROTHY M. ROBBER, R.N., Assistant Instructor; Head Nurse.

RUTH E. STUCKER, R.N., Assistant Instructor; Head Nurse.

General Outpatient Clinic

JOHANNA DOEGGS, M.A., R.N., Associate Professor (Obstetrics).

MARIAN W. PARSELL, R.N., Instructor; Director of Nursing Service.

Tuberculosis Hospital

LAVELA PHELPS, B.S., R.N., Assistant Professor; Superintendent.

DONNIE ERIKSON, B.S., R.N., Assistant Instructor; Evening Supervisor.

DORI THEARNS, R.N., Assistant Instructor; Head Nurse.

THELMA L. KLONK, R.N., Assistant Instructor; Head Nurse.

ALICE McCoy MADDOCK, B.S., R.N., Assistant Instructor; Operating Room Supervisor.

ETHA MORRIS, B.S., R.N., Assistant Instructor; Head Nurse.
Instructors and Lecturers from Health and Social Agencies

Alice M. Baers, Ph.D., Lecturer in Nutrition.
Harriett Brenenstall, B.S., R.N., Supervising Nurse, Venerable Disease Clinic, Portland City Bureau of Health.
Saidie Orr Dunbar, Executive Secretary, Oregon Tuberculosis Association.
Gordon Edwards, M.D., Director, Venerable Disease Control Section, Oregon State Board of Health.
Harold E. Erickson, M.D., State Health Officer, Oregon State Board of Health.
Helene Fisher, R.N., Director of School Nursing, School Hygiene Division, Portland City Bureau of Health.
Hylar Fraley, B.A., Medical Social Consultant, Crippled Children's Division.
Laura Harstad, B.S., R.N., Nursing Consultant in Maternal and Child Health, Oregon State Board of Health.
Alfred Masten, M.D., Director, Tuberculosis Control Section, Oregon State Board of Health.
Charles M. McKee, M.D., Surgeon, U.S.P.H.S.; Acting Director, Industrial Hygiene Division, Oregon State Board of Health.
Corinne Pennington, B.S., R.N., Supervising Nurse, Washington County Health Department.
Julia Sheldon, B.S., R.N., Supervisor of Nursing Service, Multnomah County Health Department.
Maurice Vest, M.D., Director, Maternal and Child Health Division, Oregon State Board of Health.
Katherine Webster, R.N., Industrial Nurse Consultant, Oregon State Board of Health.
Bernice Yeary, B.S., R.N., Supervising Nurse, Marion County Health Department.

Nurses' residences

Clara LeFevre, Residence Supervisor.
Genevieve MacNider, Residence Supervisor.
Nora Palmer, Residence Supervisor.
Harriet Staley, Residence Supervisor.
Lillian Watts, Residence Supervisor.

Executive Faculty

Henrietta Doltz (chairman), Mary Jackson, Eleanor Palmquist, Lavella Phelps, Katherine Sears, Olive Slocum, Shirley Thompson, Johanna Vreeland, Maisie Wetzel.

Advisory Committee

Henrietta Doltz (chairman), Charles Holman, Mary Jackson, Eleanor Palmquist, Lavella Phelps, Katherine Sears, Olive Slocum, Shirley Thompson, Johanna Vreeland, Maisie Wetzel.
The Department of Nursing Education is accredited by the Oregon State Board for Examination and Registration of Nurses, the Association of Collegiate Schools of Nursing, and the National Organization for Public Health Nursing.

HISTORY

The University of Oregon introduced professional courses in nursing for the first time in the summer session of 1919. The courses were offered in Portland in cooperation with the Northwest Division of the American Red Cross Home Service Department, the Portland Visiting Nurse Association, the Welfare Bureau, and the Oregon Tuberculosis Association.

A standard course of study in public health nursing was established in the fall of 1920 as a part of the program of the Portland division of the newly organized School of Sociology; this division was known as the Portland School of Social Work.

In 1926 the University organized a five-year curriculum in nursing leading to a bachelor's degree. The first two years of the curriculum were offered on the Eugene campus; this preparatory training was followed by two years of work in a hospital school of nursing in Portland, and a fifth year of specialized training in such nursing specialties as public health nursing, hospital administration, etc. Work in the hospital school was supplemented by professional courses in the Portland School of Social Work.

A three-year certificate program was added in 1928, for high-school graduates enrolled in accredited hospital schools of nursing in Portland. The hospital training was supplemented by basic courses of collegiate grade offered through the cooperation of the Portland School of Social Work, the Portland Extension Center of the University, and the University of Oregon Medical School. The program led to the Junior Certificate from the University. The certificate program was discontinued in 1939.

When, as a part of the reorganization of the Oregon State System of Higher Education in 1932, the Portland School of Social Work was discontinued, the program in nursing was transferred to the Medical School and organized as the Department of Nursing Education. Two-year preparatory curricula for the basic degree curriculum were established both at the University at Eugene and at the State College at Corvallis. Until 1936 degree students received their clinical training in Portland hospital schools approved by the department; in that year the professional program was centered in the hospitals and clinics of the University of Oregon Medical School.

In 1943, as war measures, a diploma curriculum to which high-school graduates were admitted was established, and the degree curriculum was accelerated for completion in four years, including four terms of preparatory work. Both programs were approved by the U. S. Public Health Service, and students became members of the U. S. Cadet Nurse Corps. In 1945 the preprofessional curriculum was increased to a minimum of five terms.

BUILDINGS

Most of the graduate and undergraduate classes are held in the Medical Science Building, Mackenzie Hall, and the Medical School Library. Clinical facilities include the Doernbecher Memorial Hospital for Children, Multnomah Hospital, University State Tuberculosis Hospital, and the Outpatient Clinic.
examination, including an orthopaedic examination and X-ray of the chest. Students with negative tuberculin reactions are tested every six months, or as often as necessary. All students have chest X-rays directly preceding and six weeks following experience at the Tuberculosis Unit, and every six months thereafter until completion of their work in the department.

In case of illness, students may be hospitalized for a limited period without charge. Students are allowed fourteen days of absence for illness during the professional training period without being required to make up the time lost.

Students in the advanced curricula are eligible for benefits under the student health service program of the Medical School.

ADMISSION AND REQUIREMENTS

Basic Degree Curriculum. The basic degree curriculum, which leads to a Bachelor of Science degree with a major in nursing education, consists of five terms in preprofessional work at an accredited college, plus eleven terms of professional work at the Medical School. For admission to the professional curriculum in the Department of Nursing Education, completion of the preprofessional curriculum as listed on page 69 is required.

A student seeking admission to the professional curriculum should: (1) send to the Department of Nursing Education an official transcript of her college record; (2) file an application (together with a report of pre-entrance physical and dental examinations) on forms provided by the department, at least three months prior to admission date; and (3) take the nursing-aptitude test given by the National League of Nursing Education, unless excused by the Committee on Admissions. The Committee on Admissions selects students on the basis of scholarship and personal qualifications for the nursing profession.

Basic Diploma Curriculum. This program leads to the graduate nurse diploma and carries 45 hours of credit toward the degree of Bachelor of Science, with a major in nursing education. High-school graduates meeting the general entrance requirements of the University of Oregon are eligible for admission. Preference is given to applicants who have had chemistry and mathematics in high school.

A student seeking admission to this curriculum must: (1) be 18 years of age; (2) rank in the upper third of her high-school class; (3) send to the Department of Nursing Education an official transcript of her high-school record; (4) file an application (together with a report of pre-entrance physical and dental examinations) on forms provided by the department, at least three months prior to the admission date; and (5) take the nursing-aptitude test given by the National League of Nursing Education, unless excused by the Committee on Admissions. The Committee on Admissions selects students on the basis of scholarship and personal qualifications.

Advanced Professional Curricula. The specialized curricula for graduate nurses are outlined on pages 71-73. Credits earned in any of these curricula may be applied toward a Bachelor of Science degree, with a major in nursing education, provided the student has satisfied the requirements of the University of Oregon or Oregon State College for admission with freshman standing.

Admission is selective, with preference being given to graduate nurses from schools of recognized standing, whose personal and professional qualifications meet the requirements of the field they wish to enter.

A student seeking admission must: (1) file an application (together with a record of a physical examination) on forms provided by the Department of Nursing Education, (2) send to the department official transcripts of high-school, college, and school-of-nursing records, and (3) take American Public Health Association student tests I and II.

GRADING SYSTEM

The grading system consists of four passing grades, A, B, C, and D; failure, F; incomplete, Inc; withdrawn, W. A denotes exceptional accomplishment; B, superior; C, average; D, inferior. 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. If an Inc is not removed within a year, it automatically becomes an F. A student may withdraw from a course only with the approval of the department.

SCHOLASTIC REQUIREMENTS

Students in the Department of Nursing Education are required to maintain a grade average of C or better throughout the curriculum. Students receiving a grade average below C in any term will be placed on probation for the following term. Students receiving a grade average below C for two successive terms will be disqualified for further work in the department. Students receiving a grade of F in any course must repeat the course; but a student will be permitted to repeat a course only if her grade average is C or above.

The faculty of the department reserves the right to request the withdrawal of students who, in the judgment of the faculty, are unsuited for the nursing profession.

FEES AND DEPOSITS

Preprofessional Courses (5 terms)

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Tuition, per term</td>
<td>$10.00</td>
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<tr>
<td>Laboratory and course fee, per term</td>
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<td>Incidental fee, per term</td>
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<td>Building fee, per term</td>
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<tr>
<td>Nonresident fee, per term (in addition to fee for resident students)</td>
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Basic Degree Curriculum
(For students at the Medical School)

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<th>Description</th>
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<td>Tuition, per term</td>
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<td>Laboratory and course fee, per term</td>
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<tr>
<td>Nonresident fee, per term (in addition to fee for resident students)</td>
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Basic Diploma Curriculum
(For students at the Medical School)

<table>
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<td>Tuition, per term</td>
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<td>Building fee, per term</td>
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Graduate Nurse Programs

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<td>Tuition, per term</td>
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<td>Laboratory and course fee, per term</td>
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<td>Incidental fee</td>
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<td>Nonresident fee, per term (in addition to fee for resident students)</td>
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<tr>
<td>Field experience fee for students in public health nursing</td>
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1 The incidental fee is for student health service.
BASIC CURRICULUM

Diploma Curriculum. As a war emergency, the Department of Nursing Education instituted a three-year curriculum in nursing leading to a diploma as a graduate nurse. It is not anticipated that this curriculum will be maintained as a permanent part of the program of the Department of Nursing Education. The class work is in no way related to the degree curriculum until the student begins her clinical experience in the specialties in the hospital units of the University of Oregon Medical School hospitals and clinics.

BASIC DEGREE CURRICULUM

First Year

<table>
<thead>
<tr>
<th>Term hours</th>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
<th>Summer</th>
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<tbody>
<tr>
<td>Elementary Chemistry</td>
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<td>English Composition</td>
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<td>English Literature</td>
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<tr>
<td>Physical Education</td>
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<tr>
<td>Electives</td>
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</table>

Second Year

First two terms at any accredited university or college; last two terms at the Medical School

<table>
<thead>
<tr>
<th>Term hours</th>
<th>Fall</th>
<th>Winter</th>
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<tbody>
<tr>
<td>Zoology</td>
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<td>Sociology</td>
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<td>Psychology</td>
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<td>Nutrition</td>
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<td>Physical Education</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Elementary Nursing Arts (Nur 210, 211)</td>
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<tr>
<td>Elementary Pharmacology (Phc 213)</td>
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<td>Anatomy (An 311)</td>
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<td>Bacteriology (Bac 230)</td>
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<tr>
<td>Organic and Biochemistry (Ch 255)</td>
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<td>Professional Adjustments (Nur 136)</td>
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<td>Physiology (Phy 312)</td>
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<td>Pathology (Phb 314)</td>
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<td>Pharmacology (Phc 320, 330)</td>
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Third Year

<table>
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<th>Term hours</th>
<th>Fall</th>
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<th>Spring</th>
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<tbody>
<tr>
<td>Medical School</td>
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<tr>
<td>Clerkship (Nursing-Care Studies) (Nur 313)</td>
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<tr>
<td>Lectures and Nursing in Medical Diseases (Nur 314, 315)</td>
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<td>Lectures and Nursing in Surgical Diseases (Nur 316, 317)</td>
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<td>Lectures and Nursing in Surgical Specialties (Nur 318, 319)</td>
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<td>Clinics and Clinical Practice in Medical and Surgical Diseases (Nur 351, 352)</td>
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<td>Diet in Disease (Nur 365)</td>
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<td>Operating-Room Technique (Nur 346)</td>
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<td>Public Health and Communicable Diseases (Nur 335)</td>
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<td>Clinical Practice in Diet Kitchen (Nur 368)</td>
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<td>Obstetrics Nursing (Nur 412)</td>
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<td>Behavior Aspects of Child Conduct (Nur 487)</td>
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<td>Clinics and Clinical Practice in Operating-Room Technique (Nur 343)</td>
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<td>Psychiatric Nursing (Nur 413)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Clinics and Clinical Practice in Obstetrical Nursing (Nur 442)</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Introduction to Methods in Public Health Nursing (Nur 443)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

A limited number of transfer students may be accepted upon the recommendation of the Committee on Admissions. Approval of transfer must also be obtained from the Oregon State Board for Examination and Registration of Nurses. At least a three-month period of orientation in clinical experience is required in the hospitals and clinics. No time allowance or academic credit is given for this orientation period.

9 Evaluation fee is charged for the evaluation of transcripts submitted with the application for admission.

* Students registering after the scheduled registration day of any term pay a fee of $1.00 for the first day and $1.00 for each additional day until the maximum charge of $1.00 is reached.

* Registration is cancelled after one week, after which a $2.00 fee is required for reinstatement.

Basic Curricula in Nursing Education

The Department of Nursing Education offers a four-year curriculum leading to the degree of Bachelor of Science, and a three-year curriculum leading to a diploma. Both curricula prepare the student for state examinations for nurse registration.

Degree Curriculum. The student in the four-year degree curriculum takes the first five terms of her work at the University of Oregon in Eugene, at Oregon State College in Corvallis, or at another accredited college or university. This work 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 University of Oregon Medical School hospitals and clinics.

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

A limited number of transfer students may be accepted upon the recommendation of the Committee on Admissions. Approval of transfer must also be obtained from the Oregon State Board for Examination and Registration of Nurses. At least a three-month period of orientation in clinical experience is required in the hospitals and clinics. No time allowance or academic credit is given for this orientation period.
### Fourth Year

#### Medical School

<table>
<thead>
<tr>
<th>Program</th>
<th>Fall Term</th>
<th>Winter Term</th>
<th>Spring Term</th>
<th>Summer Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pediatric Nursing (NUR 415)</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Practice in Pediatric Nursing (NUR 441)</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Practice in Medical and Surgical Diseases (NUR 353)</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Practice in Tuberculosis Nursing (NUR 350)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Seminar in Nursing (NUR 407)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>History of Nursing (NUR 410)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Practice in Community Nursing (NUR 349)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emergency Nursing (NUR 460)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Survey of Field and Related Professional Problems (NUR 414)</td>
<td></td>
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</tr>
</tbody>
</table>

One additional term is taken at the Medical School, during which the student spends full time in clinical practice on a service in which she has a special interest.

### Preclinical and Clinical Experience

In the basic nursing curricula preclinical and clinical experience at the Medical School is divided by fields as follows:

<table>
<thead>
<tr>
<th>Basic degree</th>
<th>Basic diploma</th>
</tr>
</thead>
<tbody>
<tr>
<td>weeks</td>
<td>curriculum</td>
</tr>
<tr>
<td>Preclinical</td>
<td>18</td>
</tr>
<tr>
<td>Medicine</td>
<td>26</td>
</tr>
<tr>
<td>Surgery</td>
<td>26</td>
</tr>
<tr>
<td>Diet kitchen</td>
<td>5</td>
</tr>
<tr>
<td>Operating room</td>
<td>6</td>
</tr>
<tr>
<td>Diag. room</td>
<td>6</td>
</tr>
<tr>
<td>Obstetrics</td>
<td>13</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>13</td>
</tr>
<tr>
<td>Tuberculosis</td>
<td>13</td>
</tr>
<tr>
<td>Community nursing</td>
<td>13</td>
</tr>
<tr>
<td>Nursing electives</td>
<td>13</td>
</tr>
<tr>
<td>Vaccines</td>
<td>13</td>
</tr>
<tr>
<td>Illness allowance</td>
<td>2</td>
</tr>
</tbody>
</table>

The student's time per week is divided between class work and clinical experience approximately as follows:

<table>
<thead>
<tr>
<th>Class work—</th>
<th>Clinical experience—</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term hours</td>
<td>hours</td>
</tr>
<tr>
<td>First term</td>
<td>27</td>
</tr>
<tr>
<td>Second term</td>
<td>14</td>
</tr>
<tr>
<td>Third term</td>
<td>14</td>
</tr>
<tr>
<td>Fourth term</td>
<td>14</td>
</tr>
</tbody>
</table>

| Second Year: Two terms, per term | 6 | 42 |
| Third term | 6 | 44 |
| Fourth term | 6 | 38 |

| Third Year: First term | 6 | 42 |
| Second term | 5 | 39 |
| Third term | 4 | 44 |

At no time does the student's work, including classes, total more than 48 hours per week. Every student has one full day each week off duty and one full day off for all holidays. Clinical experience begins in the second term at the Medical School. The teaching units in which clinical experience is received are as follows:

- Multnomah Hospital, a general 275-bed hospital for adults and a teaching unit for both medical students and students in nursing. In this unit, students receive experience in medical nursing, surgical nursing, operating-room technique, diet kitchen, and obstetrics. Affiliate hospitals are used for additional obstetrical experience.
- Doernbecher Memorial Hospital, a 63-bed hospital for children. The students receive three months' experience in the care of acutely ill children in this unit.
- The University State Tuberculosis Hospital, devoted to the care of patients with tuberculosis. The unit has an 80-bed capacity and a large outpatient department which provides both medical and surgical facilities for teaching. Students receive six weeks' experience in this unit.
- The Outpatient Clinic, affording teaching facilities in all branches of medicine. Students receive six weeks' experience in this unit, with field trips to various community health and social agencies.

### Advanced Professional Curricula

**T**HE Department of Nursing Education offers advanced professional curricula in the following special fields: public health nursing, ward administration, teaching and supervision, and teaching nursing arts. Courses are open to graduates of accredited schools of nursing. Credits earned may be applied toward a baccalaureate degree from the University of Oregon or Oregon State College.

In special cases, variations in the curriculum listed below may be allowed, with the approval of the director of the Department of Nursing Education and the dean of the Medical School.

### Curriculum in Public Health Nursing

The public health nursing curriculum provides a sound educational program of study to prepare the graduate nurse for the field of public health nursing. It assists the nurse to acquire the knowledge, attitudes, interests, abilities, and professional skills which the public health nurse should have in order to function with professional competence in relation to the health needs of the individual, family, and community.

A close working relationship is maintained with the Oregon State Board of Health and other social and health agencies, including the City Bureau of Health, Visiting Nurse Association, and county health departments. These agencies assist in teaching, provide consultation service, and supervise field experience. United States Public Health Service personnel give valuable assistance. The program includes three terms of theory and four months of field experience. In planning student schedules, previous academic courses and field experience are given consideration. Prerequisites are one term each of sociology, psychology, and English composition. These courses may be taken concurrently with work at the Medical School if a longer period of time is allowed to complete the curriculum.

The student must furnish her own uniforms, as well as transportation, for the field-experience period. Field experience will be much more valuable for the student if she has an automobile. Mileage will be allowed by most agencies. All students must learn to drive and secure a driver's license before beginning field experience.

The student may carry full- or part-time work, but all requirements should be completed within a three-year period. If the work is not completed within this period of time, an application for re-admission must be submitted, and the student must fulfill all courses required at the time of re-admission.

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Term Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Case-Work Methods (NUR 416)</td>
<td>3</td>
</tr>
<tr>
<td>Community Organization (NUR 418, 419)</td>
<td>3</td>
</tr>
<tr>
<td>Nutrition for Public Health Nurses (NUR 444)</td>
<td>3</td>
</tr>
<tr>
<td>Mental Health Aspects of Public Health Nursing (NUR 445)</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Public Health Nursing (NUR 461)</td>
<td>3</td>
</tr>
<tr>
<td>Organization and Administration of Public Health and Public Health Nursing</td>
<td>3</td>
</tr>
<tr>
<td>Field Work, Interviewing, and Work with Agencies (NUR 464)</td>
<td>3</td>
</tr>
<tr>
<td>Methods of Teaching Health (NUR 465, 466)</td>
<td>6</td>
</tr>
</tbody>
</table>
CURRICULUM IN WARD ADMINISTRATION

The curriculum in ward administration is designed to prepare the nurse for the position of head nurse in a hospital connected with a school of nursing. The required total of 48 term hours includes 35 term hours of primary courses and 13 term hours in the special field of choice.

Primary Courses: Terme hours

1. General Psychology .......................... 6
2. General Sociology .......................... 5
3. Introduction to Case-Work Methods (Nur 416) .................. 3
4. Education Psychology; or Mental Hygiene Aspects of Public Health Nursing (Nur 445) .................. 3
5. Technical in Ward Administration (Nur 450) .................. 3
6. Principles of Teaching (Nur 451) .................. 3
7. Principles of Supervision (Nur 452) .................. 3
8. Introduction to Public Health Nursing (Nur 461) .................. 3
9. Electives .................................. 6

Requirements for Pediatric Nursing:

Primary courses .................................. 35
Clinical Pediatric Nursing (Nur 476) .................. 6
Advanced Pediatrics for Nurses (Nur 480, 481) .................. 4
Physical and Emotional Growth (Nur 482) .................. 3

Requirements for Medical Nursing:

Primary courses .................................. 35
Advanced Principles in Medical Nursing (Nur 420) .................. 2
Advanced Principles in Medical Nursing Specialties (Nur 421) .................. 2
Field Work in Nursing Supervision (Nur 447) .................. 3
Curriculum Construction in Schools of Nursing (Nur 458) .................. 3
Advanced Public Health (Nur 450) .................. 3
Pharmacology (Phc 329, 330) or electives .................. 3

Requirements for Surgical Nursing:

Primary courses .................................. 35
Advanced Principles in Surgical Nursing (Nur 426) .................. 2
Field Work in Teaching Nursing Arts (Nur 447) .................. 3
Curriculum Construction in Schools of Nursing (Nur 458) .................. 3
Surgical Specialties (Nur 468) .................. 6

CURRICULUM IN TEACHING NURSING ARTS

The curriculum in teaching nursing arts is designed to assist in the preparation of the nurse for the position of instructor in nursing arts. For admission, applicants must present evidence of at least one year's experience as a graduate nurse, preferably as a head nurse or assistant to an instructor in nursing arts. In the case of special students, this experience may run parallel with professional courses.

Primary courses: Terme hours

1. General Psychology .......................... 6
2. General Sociology .......................... 5
3. Introduction to Case-Work Methods (Nur 416) .................. 3
4. Education Psychology; or Mental Hygiene Aspects of Public Health Nursing (Nur 445) .................. 3
5. Principles of Teaching (Nur 451) .................. 3
6. Principles of Supervision (Nur 452) .................. 3
7. Principles of Teaching (Nur 451) .................. 3
8. Principles of Supervision (Nur 452) .................. 3
9. Electives .................................. 6

Course Numbering System

The uniform course-numbering system of the Oregon 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.

* To be taken at Portland Extension Center.
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, to other professional groups, and to the student group; conventions (etiquette); costs of hospital supplies and equipment; etc. Lectures, 1 hour; 11 hours. Miss Mary Jackson.

Nur 210. Elementary Nursing Arts. 1 hour fall or spring.
Designed as an introduction to Nur 211. Includes lectures, demonstrations, and classroom practice in elementary nursing procedures. Lectures, 1 hour; demonstrations and practice, 2 hours. Miss Olson and Mrs. Cruikshank.

Nur 211. Elementary Nursing Arts. 8 hours summer or winter.
Designed to give a clear understanding of the fundamental principles which underlie all good nursing, to develop habits of observation, system, and manual dexterity, and to establish a fine technique in nursing. Lectures, 3 hours; laboratory, 6 hours; supervised ward practice, 18 hours. Miss Olson and Mrs. Cruikshank.

Phe 213. Elementary Pharmacology. 2 hours fall or spring.
Designed to teach the tables, arithmetic, and methods used in the computation of dosages; to provide practice in the preparation of solutions commonly used by the nurse, and to familiarize the student with drugs commonly used as antiseptics and disinfectants. Lectures, 1 hour; laboratory, 2 hours; 33 hours. Mrs. Cruikshank.

Bac 230. Bacteriology. 5 hours fall or spring.
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. Application of these studies to the diagnosis, prevention, and treatment of infectious diseases. Lectures, 4 hours; laboratory, 4 hours; 88 hours. Dr. Sears and staff.

*Ch 255. Organic and Biochemistry. 5 hours spring or fall.
Designed to provide the essential knowledge of organic and biochemistry required as background for an adequate understanding and appreciation of the nurse's work in physiology, pharmacology, and other professional subjects. Various important classes of organic compounds, with particular emphasis upon substances of medical importance. Biochemistry of digestion and absorption, blood, and metabolism. Lectures, 3 hours; laboratory, 6 hours; 99 hours. Dr. West and staff.

301, 401, 501. Research.
305, 405, 505. Reading and Conference.

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. Lassell and assistant.

*Phy 312. Physiology. 4 hours summer or winter.
Study of the physiology of the cell, skeleton, muscle, heart and circulation, respiration, digestion, metabolism, temperature regulation, excretin, 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. Youmans and staff.

*Nur 313. Clerkship (Nursing-Care Studies). 2 hours falls 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 hours; 22 hours. Miss Benefiel and Mrs. Bergheim.

Pth 314. Pathology. 2 hours summer or winter.
A general course for nurses. Lectures, demonstrations, and quizzes concerning the fundamental pathology of the common diseases. Lectures and demonstrations, 2 hours; 22 hours. Dr. Hunter.

Nur 314, 315. Lectures and Nursing in Medical Diseases. 2 hours each term, fall or spring, winter or summer.
Designed to give the student a practical understanding of the causes, symptoms, prevention, and treatment of medical diseases, so that she may be prepared to give skilled assistance to the physician in the care of the patient; and to develop skill in reporting symptoms of disease and the effect of treatments. Lectures, 1 hour; nursing class, 1 hour; 22 hours. Dr. Long, Miss Kittlesby, and Miss Benefiel.

Nur 316, 317. Lectures and Nursing in Surgical Diseases. 2 hours each term, fall or spring, winter or summer.
The purpose of this course is to give the student a practical understanding of the causes, symptoms, prevention, and treatment of surgical diseases, so that she may be prepared to give skilled assistance to the physician in the care of the patient; and to develop skill in reporting symptoms of disease and the effect of treatments. Lectures, 1 hour; nursing class, 1 hour; 22 hours. Drs. Boyd and Zeller, Mrs. Beeman and Miss Wasson.

Nur 318, 319. Lectures and Nursing in Surgical Specialties. 3 hours spring or fall; 2 hours summer or winter.
Designed to give the student an understanding of the causes, symptoms, prevention, and treatment of the diseases classified as surgical specialties, in order that she may give better nursing care to patients. Lectures, 2

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

* Credit earned in this course may be applied toward fulfilling degree requirements in social science.
and clinics dealing with the more advanced principles of nursing care.
Mrs. Beeman, Miss Benefiel, Miss Kittlesby, and Miss Wasson.

Nur 368. Clinical Practice in Diet Kitchens. 3 hours any term.
Diet preparation, management, and serving for hospital patients. Miss Fisher and staff.

Nur 369. Diet in Disease. 2 hours fall or spring.
A brief review of the principles of 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, 2 hours; laboratory, 2 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 related to nursing. Two hours; 22 hours each term.

†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 Davis.

†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 leadership of national and international associations; nursing legislation and standards. Lectures, 3 hours; 33 hours.

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. Clancy and Miss McConnell.

†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 the 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. Dickel.

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 Doltz.

Nur 415. Pediatric Nursing. 4 hours any term.
A study of the mental and physical development of the normal child from birth to puberty. Feeding of infants and older children. Symptoms of disease in children: prevention and treatment. Lectures, 2 hours, Dr. Smith; nursing class, demonstrations, and conferences, 4 hours, Miss Cline and Mrs. Vetsch; 66 hours.

† Credit earned in this course may be applied toward fulfilling degree requirements in social science.
†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. Mrs. Fraley.

†Nur 418. Community Organization. 2 hours winter or summer.
Study of theories and methods of organization, constructive and destructive factors existing in community life, and the background of community movements. Lectures, 2 hours; 22 hours.

†Nur 419. Community Health Organization. 2 hours fall or spring.
Study of social and health organization functioning in the local communities, with emphasis on the problems, the interrelations, and the place of the health worker. Lectures, 2 hours; 22 hours.

Nur 420. Advanced Principles in Medical Nursing. 2 hours.
Review of principles of general medical nursing. Recent developments in the cause, treatment, and prevention of the more-common medical diseases; social and economic factors involved. Attention is given to the choice of material used in teaching student nursing. Lectures, discussions, demonstrations, 2 hours; 22 hours. Miss Kittlesby and staff.

Nur 421. Advanced Principles in Medical Nursing Specialties. 2 hours.
Review of the principles of dermatology and of communicable-disease nursing, including tuberculosis and venereal disease; recent developments concerning cause, treatment, and prevention; social and economic factors involved. Lectures, discussions, and demonstrations, 2 hours; 22 hours. Miss Kittlesby and staff.

Nur 422. Administration in Schools of Nursing. 2 hours any term.
Problems of nursing-school organization in connection with hospitals of various types; schools of nursing under various forms of government. General problems of management in schools of nursing; the qualifications, personality, and training of the superintendent or principal; general administrative duties and responsibilities. Lectures, 2 hours; 22 hours. Miss Doltz.

†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. Advanced Principles in Surgical Nursing. 2 hours any term.
Review of the principles of general surgical nursing. Special emphasis on the recent developments concerning the cause, symptoms, prevention, and treatment of general surgical diseases. Attention given to the choice of material used in teaching student nurses. Lectures, discussions, and demonstrations, 2 hours; 22 hours. Mrs. Beeman and staff.

Nur 427, 428. Advanced Principles in Nursing. 2 hours each term.
For the student who wishes to increase her knowledge of and improve her skills in community nursing service, and to study the newer develop-

† Credit earned in this course may be applied toward fulfilling degree requirements in social science.
Nur 450. Technique in Ward Administration. 3 hours fall or spring. Responsibilities of the head nurse in ward management, teaching, and supervision. Lectures, 3 hours; 33 hours. Miss Mary Jackson.

Nur 451. Principles of Teaching. 3 hours winter. Principles underlying clinical and classroom teaching in schools of nursing. Lectures, 3 hours; 33 hours. Miss Vreeland.

Nur 452. Principles of Supervision. 3 hours spring. A study of the fundamental principles underlying supervision. Lectures, 3 hours; 33 hours each term. Miss Vreeland.

Nur 453. Integration of the Social and Health Components of Nursing in the Basic Curriculum. (C) 2 hours winter. Designed to familiarize the graduate nurse with the philosophy and principles underlying integration of the social and health components of nursing in the basic curriculum, with practical application in the major clinical services. Miss Davis.

Nur 456, 457. Advanced Obstetrics for Nurses. 2 hours each term. For students who are specializing in obstetrical nursing.

Nur 458. Curriculum Construction in Schools of Nursing. 3 hours. Modern principles and methods of curriculum making; aims, standards, sources, techniques, and planning the program of study. Lectures, 3 hours; 33 hours. Miss Doftz.

Nur 460. 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.

Nur 461. Introduction to Public Health Nursing. 3 hours any term. Background, development, and fundamental principles of public health nursing; general responsibilities of the public health nurse. Lectures, 3 hours; 33 hours. Miss Wetzel and Miss Palmquist.

Nur 462. Organization and Administration of Public Health and Public Health Nursing. 3 hours winter or summer. History, development, organization, administration, and relationships of Federal, state, local, and voluntary health agencies. Application of public health nursing principles in the administration of various types of public health nursing service. Lectures. 3 hours; 33 hours. Dr. Weinrul and Miss Peterson.

Nur 463. Introduction to Public Health Nursing Supervision. 3 hours fall or spring. An introduction to supervision; its philosophy, methods, problems, and values. Lectures, 3 hours; 33 hours. Miss Palmquist.

†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. Miss Wetzel, Miss Palmquist, and Miss Peterson.

†Nur 465. Methods of Teaching Health. 3 hours winter or summer. The teaching functions of the public health nurse. The principles, meth-
ods, and materials used in teaching nursing and health to individuals; family health counseling. Lectures, 3 hours; 33 hours. Miss Peterson.

†Nur 466. Methods of Teaching Health. 3 hours any term. Planned health instruction in nursing situations. Practical application of principles based upon individual, family, and community needs. Lectures and demonstrations, 3 hours; 33 hours. Miss Peterson.

Nur 467. Field Work in Public Health Nursing. 5 hours any term. Designed to meet the needs of the individual students for work in specific areas of public health nursing. Time to be arranged with urban health agencies. Miss Peterson.

Nur 468, 469. Field Work in Public Health Nursing. 5 hours each term. For students who have completed the theoretical requirements for a certificate. Consists of a block of field experience with rural and urban public health nursing agencies. Time to be arranged. Miss Peterson.

Nur 470. Systems in Public Health Nursing. 5 hours fall or spring. Health objectives and functions of the public health nurse in the major health areas. Includes morbidity, maternal and infant health, preschool and school health, industrial hygiene, tuberculosis and communicable diseases. Lectures, 5 hours; 55 hours. Miss Peterson.

†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 Peterson.

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.

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. Clinical Pediatric Nursing. 6 hours any term. Experience in the care of infants and children. Includes experience as assistant to ward administrator. Designed to aid in preparing the nurse for head-nursing positions in a pediatric division or hospital. 18 hours per week; 216 hours. Miss Thompson, Mrs. Vetsch, and staff.

Nur 477. Clinical Pediatric Nursing. 6 hours any term. Experience in the care of infants and children. Opportunities to work with the pediatric instructor and obtain practice in supervision and teaching of student nurses on the wards, as well as a limited amount of supervised classroom teaching. Designed for the nurse wishing to prepare for the field of supervision in pediatric nursing. 18 hours per week; 216 hours. Miss Thompson, Mrs. Vetsch, and staff.

Nur 480, 481. Advanced Pediatrics for Nurses. 2 hours each term. Consideration of the latest developments in the medical and nursing care of the sick child in institution or home: the care and feeding of the normal infant; desirable attributes of a pediatric ward, division, or hospital. Designed for nurses who wish to specialize in the field of pediatric nursing. Lectures, clinics, nursing classes, 2 hours; 22 hours each term. Dr. Smith and Miss Thompson.

† Credit earned in this course may be applied toward fulfilling degree requirements in social science.

† Credit earned in this course may be applied toward fulfilling degree requirements in social science.
Degrees Conferred, June 1947

MEDICINE

DOCTOR OF MEDICINE

Richard Mervin Abbs, B.S., Willamette
Ernest Ross Adams, B.S., Victoriaville, Cal.
Dexter Roland Amund, B.S., Portland
Joseph Lynn Axling, B.S., Portland
G. Donald Beardsley, B.A., Eugene
Helen W. Beeman, B.S., B. S., Boise, Idaho
Mary Carolyn Beery, B.A., Astoria
Fred Henry Bishop, B.S., Portland
Jules Frederick Bittner, B.S., Portland
Robert Owen Bloch, A.B., Portland
Donald Macaye Brinton Olson, B.A., Baker
Donald Mackay Burns, B.S., Portland
Robert J. Carrier, B.A., Portland
Vernon Arnold Cates, B.S., Seattle, Wash.
William John Cathey, B.A., Portland
Alvart Edward Clemens, B.A., Medford
Phyllis Davis, B.A., Redmond, Wash.
Alfred Essig Donker, Jr., B.A., Medford
Raymond C. Ellis, B.S., Etnaering, Wash.
Walter E. Enders, B.A., Medford
Donald Linklater England, B.A., Eugene
Henry K. Englert, B.S., Portland
Harold Victor Good, M.S., Portland
Ray Victor Grove, B.S., Arlington, Wash.
Edmund Reed Gurney, B.A., Portland
John Eldon Havens, B.A., Portland
William Harvey Hoywood, B.S., Portland
Alan E. Hottman, B.A., Portland
Westley Wayne Hoskins, B.S., Dayton, Wash.
Robert Clinton Jackson, B.S., Hermiston
Maynard Lee Johnson, B.S., B.S., Mount Vernon, Wash.
Robert Donald Koler, B.A., Casper, Wyo.
Clarence John Kopp, B.S., La Grande
William Wright Livermore, B.A., Portland
Lawrence Dale Leslie, Ph.D., Fall Creek
David Iwan Livermore, B.A., Portland

Joseph Bert Marcusen, B.S., Nampa, Idaho
Georgia Tamerin McGown, B.A., Portland
Murdock Earl McIntyre, B.A., Vancouver, B.C.
Donald Warren Merkle, B.S., Monroe, Wash.
Samuel Miller, B.A., Portland
Ralph D. O'Connell, A.M., Portland
John David O'Hallaren, B.S., Portland
Donald Ernest Olson, M.S., Portland
Edmund Vincent Olson, B.S., Vaughn, Wash.
Samuel Robert Orr, B.S., Portland
Richard John O'Shions, B.S., Portland
Abe Osumada, B.A., Portland
George Alan Peirson, B.A., Portland
Jefferson Taylor Person, B.S., Veradale, Wash.
Arthur B. Peterson, B.S., Portland
Donald E. Peterson, M.D., Portland
Charles Calvin Fister, B.A., Grants Pass
Howard I. Popeo, B.S., Wintlered, Mont.
Gallerand Guillaume Poutouc, B.S., Portland
Arthur Stanley Rathbun, M.A., Tenille
Dew Rogers Richard, B.S., B.A., Portland
Robert Dryle Rowan, B.S., Tacoma, Wash.
Richard J. Sackman, B.S., Ritaive, Wash.
Robert Pettinger Schutt, B.S., Bremerton, Wash.
Lester William Scott, B.A., Ontario
John Williams Southworth, B.S., Albany
William Edward Spies, B.S., Eugene
Donald Edward Statham, B.S., Portland
Willis S. Taylor, A.B., Kennewick, Wash.
Frank K. Thompson, B.A., Redlands, Cal.
John Keymano Tchayama, M.A., Cornellus
Paul Frederick Wilson, B.S., Eugene

DOCTOR OF PHILOSOPHY

Marion Lyle Vesie, M.A., Portland

MASTER OF SCIENCE

Jean Mc Kee Barry, A.B., Portland
Edwin Clement Jungck, B.S., Portland
William Oscar MacDonald, B.S., Portland

NURSING EDUCATION

BACHELOR OF SCIENCE

**Dorothy Jean Barratt, Hopper**
**Horter Charley, Medford**
**Patricia Jean Countryman, Portland**
**Dorothy Z. Cooper, Sacramento, Cal.**
**Lucie Lois Derrett, Elmira, Ontario, Canada**
**Dorine Eccles, Hood River**
**Dorothy Frances Elston, Leaburg**
**Jean Alice Espada, Portland, Longview, Wash.**
**Elizabeth Jane Gearhart, Portland**
**Patricia Ann Glasgow, Tigard**
**Mary Anne Hawkins, Seaside**

**Ruth Margaret Herd, Newberg**
**Kathryn Anne Hill, Salem**
**Marjorie N. Irving, Portland**
**Virginia S. Irwin, Canby**
**Marie Virginia Jacobsen, Portland**
**Irene Page Johnson, Chiloquin, Wash.**
**Dorothy Jean Killpatrick, Eugene**
**Marene Audrey Kjelmyr, Eugene**
**Adeline Jean Kopp, Portland**
**Laura Bernice Liddle, Arago**
**Gladys Ethel Lund, Eugene**

**Mary Elizabeth McLellen, Oregon City**

* Conferred through University of Oregon.
† Conferred through Oregon State College.
Certificate in Public Health Nursing:

Iris May Borthcamer, Creston, B.C.

Dorothy Jane Calvert, Sacramento, Cal.

Claudia May Daynesly, Woodburn

Hildene Berneti Mendham, Portland

Laurence E. Perry, Portland

Elvira Althea Pattenburg, Portland

Vivian Alene Pence, Portland

"Pearl Vollenweider Sayles, Cortes Madera, Cal.

"Alma F. Starick, Cosy Bay

"Dorothy Jane Stanley

"Margerie Ora Stout, Portland

"Gloria Anselma Wrightson, B.S., 1942

"Genevieve Vandervliet Tschelold, Pendleton

"Ethyte White Varner, Corvallis

"Mary Louise Wren, Longview

"Zella Mae Welch, St. Maries, Idaho

"Bernice Yearsley, B.S., 1945

"Nova B. Young, Portland

Enrollment, 1946-47

MEDICINE

FIRST-YEAR CLASS

Hanson, Victor Robert, Kelso, Wash. B.A., University of Idaho, 1946

Chavez, Dean Leonel, Tacoma, Wash. A.B., University of Washington, 1944

Johnson, Mildred, University of Oklahoma, B.S., 1944

Crombie, Charles Willis, McMinnville, B.S., 1944

DeLorme, Robert Darrow, Portland A.B., 1945

Reed College, 1942, 1944-46

Durantine, Donald, Idaho A.B., 1942

Stanford University, 1941-42

Gustafson, Ivan John, Monroe, Wash. A.B., University of Washington, B.S., 1942

"Confers through University of Oregon.

"Confers through Oregon State College.
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<th>Degree/Year</th>
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<td>Albert Raymond Zillah</td>
<td>University of Washington, B.S., 1945</td>
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<td>Helen Louise Becker</td>
<td>University of Oregon, B.S., 1945</td>
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<tr>
<td>Ernesto Miranda</td>
<td>Portland State College, B.S., 1945</td>
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<tr>
<td>J. R. Goodwin</td>
<td>University of California at Los Angeles, B.S., 1944</td>
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<tr>
<td>James Edward Scott</td>
<td>University of Oregon, B.S., 1945</td>
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<td>William E. Carr</td>
<td>Portland State College, B.S., 1945</td>
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<tr>
<td>Margaret E. mango</td>
<td>University of Oregon, B.S., 1945</td>
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<td>Charles C. Lane</td>
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</table>
GRADUATE STUDENTS

Barne's, Joan McKee, A.B.
Everett, Frank George, M.D.
Forbes, Ruth E., Puyallup, Wash.
Geiser, Patricia B., B.S.
Hazen, Howard M. M.D.
Kirschhof, Anton C., M.D.
Layton, Rossellen M., M.A.

SPECIAL STUDENTS AND AUDITORS

Binkley, Wade E.
Bowen, Beverly M.
Bradley, Norma
Brown, Estelle M., M.D.
Eilers, Lois M.
Hight, Doris M., Ph.D.

NURSING EDUCATION ADVANCED NURSING EDUCATION

Albee, Naomi L., Buffalo, N.Y.
Bellevue, Mary A., Portland
Bellingham, Helen M., B.C.
Brooks, Nina Bird, Dalhart, Tex.
Brooks, Mary E., Battle Ground, Wash.
Cattin, Patricia M., Hillsboro
Cole, Mary B., New Orleans, La.
Cutler, Bonnie M., Boise, Idaho
Demsey, Cindia, Woodburn
Furber, Helen D., Portland
Gavin, Margaret Mary, Oakland, Calif.
Gibbs, M. H., Portland
Griffiths, Kathryn L., Cushing, Okla.
Henderson, Helen M., Popular Bluff, Mo.
Indeeth, Anna Margaret, Portland

Person, Jefferess Taylor, Verdale, Wash.
University of Washington, B.S., 1945
Peterman, Arthur Berg, Portland
Oregon State College, B.S., 1945
Peterson, Donald Richard, Portland
Oregon State College, B.S., 1945
Pesseley, Charles Calvin, Grants Pass
University of Oregon, B.A., 1945
Peterson, Donald Richard, Portland
Oregon State College, B.S., 1945
Rathbun, Arthur S., Eugene
Williamette University, A.B., 1942
Richard, Irene, Portland
Reed College, B.A., 1945
Rowan, Robert Dryvie, Tacoma, Wash.
College of Puget Sound, B.A., 1944
Schmitt, Robert Pettinger, Bremerton, Wash.
University of Washington, B.S., 1944
Scott, Lester William, Ontario
Oregon State College, B.S., 1945
Southwood, John William, Albany
University of Oregon, B.S., 1945
Spies, William Edward, Eugene
Oregon State College, B.S., 1945
Tatum, Donald Edward, Portland
Oregon State College, B.S., 1945
Taylor, Willis Junior, Kennewick, Wash.
Whitman College, A.B., 1944
Thompson, Frank Kocher, Portland
University of Oregon Medical School,
Ph.D., 1941
Uchiyama, John Keiyamoro, Portland
University of Oregon, B.A., 1941
Wilson, Paul F., Portland
Oregon State College, B.S., 1945
Hansen, Marjorie M., Aurora, N.e.
Western Oregon College, B.S., 1945
Wiltschko, Helen M., Portland
College of Puget Sound, B.S., 1941

DEGREE STUDENTS

Anderson, Gladys E., Lewiston, Idaho
Anthony, Virginia Jane, Independence
Arnold, Helen L., Ojibwe
Beardslee, Mary C., Sheridan
Boudreau, Bonnie C., McMinnville
Bowen, Ruth Margaret, Oakland
Burris, Felita L., Coos Bay
Harrington, Pauline Ann, Silverton
Harris, Julia G., Boise, Idaho
Hawkes, Edith E., Longview, Wash.
Hendrickson, Lorna V., Portland
Hendrickson, Ruth Margaret, Newberg
Herrington, Pauline Ann, Silverton
Herbst, Barbara G., Lakeview
Higginbotham, Ruth C., McMinnville
Hoover, Florence B., Longview, Wash.
Huff, Frances E., Portland
Irwin, Marjorie N., Portland

DIPLOMA STUDENTS

Anderson, Gladys E., Lewiston, Idaho
Anthony, Virginia Jane, Independence
Arnold, Helen L., Ojibwe
Beardslee, Mary C., Sheridan
Boudreau, Bonnie C., McMinnville
Bowen, Ruth Margaret, Oakland
Burris, Felita L., Coos Bay
Harrington, Pauline Ann, Silverton
Harris, Julia G., Boise, Idaho
Hawkes, Edith E., Longview, Wash.
Hendrickson, Lorna V., Portland
Hendrickson, Ruth Margaret, Newberg
Herrington, Pauline Ann, Silverton
Herbst, Barbara G., Lakeview
Higginbotham, Ruth C., McMinnville
Hoover, Florence B., Longview, Wash.
Huff, Frances E., Portland
Irwin, Marjorie N., Portland

DEGREE STUDENTS

Aberdalden, Elizabeth, Sheridan
Barrett, Dorothy W., Heppner
Battie, Lulu, Portland
Birch, Marie L., Southgate, Cal.
Bigelow, Betty Jean, Lyons
Booth, Suzanne J., Eugene
Brainard, Paul, Portland
Brown, Barbara Jean, Nyssa
Buhler, Elvira A., Portland
Brown, Hurlburt B., Waterloo, Iowa
Caldwell, Jean M., Newberg
Campbell, Margaret A., Sewickley, Penn.
Carter, Vada L., Portland
Cassidy, Anne L., Eugene
Clark, Norma E., Summer
Cooper, Dorothy E., Sacramento, Cal.
Coom, Helen Max, Silverlake
Cor, Marie Jean, Bend
Derrett, Luella L., Elmers, Ontario
Dobler, Grace, Portland
Douglas, Lois B., Boise, Idaho
Dorothy E., Leaburg
Dougherty, Clara D., Portland
Erickson, Jesse, Longview, Wash.
Evarts, Vida Mae, Portland
Fearn, Joyce, Tacoma, Wash.
Fierer, Helen M., Portland
Fish, R. B., Portland
Uchiyama, John Keiyamoro, Portland
University of Oregon, B.A., 1941
Wilson, Paul F., Portland
Oregon State College, B.S., 1945
Hansen, Marjorie M., Aurora, N.e.
Western Oregon College, B.S., 1945
Wiltschko, Helen M., Portland
College of Puget Sound, B.S., 1941
Summary of Enrollment and Degrees, 1945-46

SUMMARY OF ENROLLMENT, MEDICINE, 1946-47

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<td>Total, regular students</td>
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SUMMARY OF ENROLLMENT, NURSING EDUCATION, 1946-47

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SUMMARY OF ENROLLMENT, MEDICAL SCHOOL, SUMMER 1946

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SUMMARY OF DEGREES AND CERTIFICATES GRANTED, 1946-47

**Medicine**
- Doctor of Medicine: 69
- Doctor of Philosophy: 2
- Master of Science: 1

**Nursing Education**
- Bachelor of Science in Public Health Nursing: 46
- Certificate in Public Health Nursing: 15

*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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