



CALENDAR
1963-1964

April 30, 1963

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Indiana University Bulletin

SCHOOL OF NURSING

Bulletin of the
School of Nursing
Indiana University



INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)

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Vol. LXI, No. 10 Bloomington, Indiana April 30, 1963

Calendars

School of Nursing

Indianapolis Campus—Medical Center

First Semester

	1962-63	1963-64
Orientation and registration:		
sophomore students.....	Sept. 5-7, W-F.....	Sept. 11-13, W-F.....
All classes begin.....	Sept. 10, 17, M.....	Sept. 16, M.....
Thanksgiving recess begins.....	Nov. 21, W, 5 p.m.....	Nov. 27, W, 10:30 p.m.....
Thanksgiving recess ends.....	Nov. 26, M, 6:30 a.m.....	Dec. 2, M, 6:30 a.m.....
Freshman Nursing Day.....	Dec. 1, Sat.....	Dec. 7, Sat.....
Christmas recess begins.....	Dec. 21, F, 5 p.m.....	Dec. 20, F, 5 p.m.....
Christmas recess ends.....	Jan. 3, Th, 6:30 a.m.....	Jan. 6, M, 6:30 a.m.....
Final examinations:		
sophomores and seniors.....	Jan. 14-18, M-F.....	Jan. 20-24, M-F.....
Registration: spring semester.....	Jan. 17, Th.....	Jan. 23, Th.....
Semester ends.....	Jan. 18, F, 5 p.m.....	Jan. 24, F, 5 p.m.....

Second Semester

	1962-63	1963-64
Nursing classes begin:		
sophomore and senior students.....	Jan. 28, M.....	Feb. 3, M.....
I.U. Extension classes begin.....	Jan. 28, M.....	Feb. 3, M.....
Capping exercises.....	Feb. 1, F.....	Feb. 7, F.....
Freshman Nursing Day.....	Mar. 23, Sat.....	Mar. 21, Sat.....
Good Friday holiday.....	Apr. 12, F.....	Mar. 27, F.....
Founders' Day.....	May 1, W.....	May 6, W.....
Final examinations.....	May 20-24, M-F.....	May 25-29, M-F.....
Registration: summer term.....	May 23, Th.....	May 28, Th.....
Semester ends: sophomore		
and senior students.....	May 24, F.....	May 29, F.....
Memorial Day holiday.....	May 30, Th.....	May 30, Sat.....
Pinning ceremony for seniors.....	June 2, Sun.....	June 7, Sun.....
Baccalaureate service.....	June 2, Sun.....	June 7, Sun.....
Commencement.....	June 3, M, 10 a.m.....	June 8, M, 10 a.m.....

Summer Sessions

	1962-63	1963-64
<i>Sophomore Summer</i>		
Nursing classes begin.....	June 4, T.....	June 9, T.....
I.U. Extension classes begin.....	June 4, T.....	June 22, M.....
Independence Day holiday.....	July 4, Th.....	July 4, Sat.....
Registration: fall semester.....	Aug. 8, Th.....	Aug. 13, Th.....
Final examinations.....	Aug. 22, Th.....	Aug. 10-14, M-F.....
Classes end.....	Aug. 9, F.....	Aug. 14, F.....
<i>Junior Summer</i>		
Nursing classes begin.....	June 4, T.....	June 9, T.....
I.U. Extension classes begin.....	June 4, T.....	June 22, M.....
Independence Day holiday.....	July 4, Th.....	July 4, Sat.....
Registration: fall semester.....	Aug. 22, Th.....	Aug. 13, Th.....
Classes end.....	Aug. 23, F.....	Aug. 21, F.....

Quarter Terms

	1962-63	1963-64
<i>Junior Year Only</i>		
Fall term.....	Sept. 10-Nov. 30.....	Sept. 16-Dec. 6.....
Winter term.....	Dec. 3-Mar. 1.....	Dec. 9-Mar. 6.....
Spring term.....	Mar. 4-May 24.....	Mar. 9-May 29.....
Summer term.....	June 4-Aug. 23.....	June 9-Aug. 21.....

Calendars

Bloomington Campus

First Semester

	1962-63	1963-64
New student meeting—		
Junior Division.....	Sept. 10, M, 8 a.m.	Sept. 9, M, 8 a.m.
New student meeting—		
transfer and graduate.....	Sept. 11, T, 8 a.m.	Sept. 10, T, 8 a.m.
Counseling.....	Sept. 11-13, T-Th	Sept. 10-12, T-Th
Registration.....	Sept. 14, 15; F, S.	Sept. 13, 14; F, S
Classes begin.....	Sept. 17, M, 7:30 a.m.	Sept. 16, M, 7:30 a.m.
Mid-term reports due.....	Nov. 2, F, 5 p.m.	Nov. 1, F, 5:20 p.m.
Thanksgiving recess begins.....	Nov. 21, W, 5:20 p.m.	Nov. 27, W, 5:20 p.m.
Thanksgiving recess ends.....	Nov. 26, M, 7:30 a.m.	Dec. 2, M, 7:30 a.m.
Christmas recess begins.....	Dec. 21, F, 5:20 p.m.	Dec. 20, F, 5:20 p.m.
Christmas recess ends.....	Jan. 3, Th, 7:30 a.m.	Jan. 6, M, 7:30 a.m.
Classes end.....	Jan. 11, F, 5:20 p.m.	Jan. 16, Th, 5:20 p.m.
Examinations begin.....	Jan. 14, M, 7:30 a.m.	Jan. 18, S, 7:30 a.m.
Examinations end.....	Jan. 21, M, 5:20 p.m.	Jan. 25, S, 5:20 p.m.

Second Semester

	1962-63	1963-64
New student meetings.....	Jan. 22, T	Jan. 28, T
Counseling.....	Jan. 23, 24; W, Th	Jan. 29, 30; W, Th
Registration.....	Jan. 25, 26; F, S	Jan. 31, Feb. 1; F, S
Classes begin.....	Jan. 28, M, 7:30 a.m.	Feb. 3, M, 7:30 a.m.
Mid-term reports due.....	March 15, F, 5 p.m.	Mar. 20, F, 5 p.m.
Spring recess begins.....	April 10, W, 5:20 p.m.	Mar. 20, F, 5:20 p.m.
Spring recess ends.....	April 18, Th, 7:30 a.m.	Mar. 30, M, 7:30 a.m.
Founders' Day*.....	May 1, W	May 6, W
Senior Class Day†.....	May 10, F	May 15, F
Classes end.....	May 17, F, 5:20 p.m.	May 21, Th, 5:20 p.m.
Examinations begin.....	May 20, M, 7:30 a.m.	May 23, S, 7:30 a.m.
Examinations end.....	May 27, M, 5:20 p.m.	May 30, S, 5:20 p.m.
Memorial Day holiday.....	May 30, Th	May 30, S
Commencement.....	June 3, M, 10 a.m.	June 8, M, 10 a.m.

Summer Sessions

	1962-63	1963-64
<i>Intercession</i>		
Counseling and Registration.....	May 31, F, 8 a.m.-12 m.	June 5, F, 8 a.m.-12 m.
Classes begin.....	May 31, F, 1:30 p.m.	June 5, F, 1:30 p.m.
Classes end.....	June 14, F	June 19, F

Regular Session

New student meetings.....	June 12, W	June 17, W
Counseling.....	June 13, Th	June 18, Th
Registration.....	June 14, F	June 19, F
Classes begin.....	June 15, S, 7:30 a.m.‡	June 20, S, 7:30 a.m.§
Independence Day holiday.....	July 4, Th	July 4, S
Classes end.....	Aug. 9, F	Aug. 14, F

Postsession

Counseling.....	Aug. 8, Th	Aug. 13, Th
Registration.....	Aug. 9, F	Aug. 14, F
Classes begin.....	Aug. 10, S, 7:30 a.m.	Aug. 15, S, 7:30 a.m.
Classes end.....	Aug. 24, S, 5:20 p.m.	Aug. 29, S, 5:20 p.m.

* 9:30, 10:30, 11:30, and 12:30 classes do not meet.

† Seniors excused from classes beginning at 12:30 p.m.

‡ Wednesday classes meet.

§ Thursday classes meet.

Calendar, 1963-64

Indianapolis Downtown Campus

First Semester, 1963-64

Counseling and registration.....	September 12-14.....	Thursday, Friday, Saturday
Classes begin.....	September 16.....	Monday
Mid-term reports due.....	November 1.....	Friday
Thanksgiving recess begins.....	November 27.....	Wednesday, 10:30 p.m.
Thanksgiving recess ends.....	December 2.....	Monday, 8 a.m.
Christmas recess begins.....	December 21.....	Saturday, 12 m.
Christmas recess ends.....	January 6.....	Monday, 8 a.m.
Classes end.....	January 18.....	Saturday, 12 m.
Examinations begin.....	January 20.....	Monday
Examinations end.....	January 25.....	Saturday

Second Semester, 1963-64

Counseling and registration.....	January 30, 31, February 1.....	Thursday, Friday, Saturday
Classes begin.....	February 3.....	Monday
Mid-term reports due.....	March 20.....	Friday
Spring recess begins.....	March 21.....	Saturday, 12 m.
Spring recess ends.....	March 30.....	Monday, 8 a.m.
Classes end.....	May 23.....	Saturday, 12 m.
Examinations begin.....	May 25.....	Monday
Examinations end.....	May 30.....	Saturday

Summer Session, 1964

Counseling and registration.....	June 18, 19, 20.....	Thursday, Friday, Saturday
Classes begin.....	June 22.....	Monday, 8 a.m.
Independence Day holiday.....	July 4.....	Saturday
Classes end.....	August 14.....	Friday

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School of Nursing Staff, 1962-63

ADMINISTRATIVE OFFICERS

- ELVIS J. STAHR, JR., B.C.L., LL.D., President of the University.
- HERMAN B WELLS, A.M., LL.D., Chancellor of the University; President of the Indiana University Foundation.
- RALPH L. COLLINS, Ph.D., Vice-President, and Dean of the Faculties.
- JOSEPH AMOS FRANKLIN, B.S., Vice-President, and Treasurer.
- JOHN WILLIAM ASHTON, Ph.D., LL.D., Vice-President for Graduate Development, and Dean of the Graduate School.
- SAMUEL EDWARD BRADEN, Ph.D., Vice-President, and Dean for Undergraduate Development.
- (Mrs.) EUNICE C. ROBERTS, Ph.D., Assistant Dean for Undergraduate Development for Women's Educational Programs.
- CHARLES EDWIN HARRELL, LL.B., Registrar, and Director of the Office of Records and Admissions.
- FRANK THOMSON GUCKER, Ph.D., Dean of the College of Arts and Sciences.
- EMILY HOLMQUIST, A.M. in N.Ed., Dean of the School of Nursing.
- FRANCES ORGAIN, A.M., Assistant Dean of the School of Nursing.
- EDMUND JOSEPH SHEA, A.B., F.A.C.H.A., Administrator of the Medical Center.
- PRESSLY SPINKS SIKES, Ph.D., Dean of the Junior Division.
- JOHN DITMARS VANNUYS, A.B., M.D., Dean of the School of Medicine.

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- MARTHA LOU AKERS, Associate Professor.
A.B., Butler University, 1930; Graduate, Indiana University School of Nursing, 1935; R.N., 1935; A.M., University of Chicago, 1951.
- (Mrs.) SUSANN JOYCE ANNIS, Instructor.
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Graduate, Vanderbilt University School of Nursing (Nashville, Tenn.), 1948; R.N., 1948; B.S. in Nursing, Vanderbilt University, 1948; M.S. in Nursing, Boston University, 1954.
- (Mrs.) HARRIETT REEVES BECKER, Instructor.
Graduate, Indiana University School of Nursing, 1939; R.N., 1939; B.S. in N.Ed., Indiana University, 1948; M.S. in Nursing, Wayne State University, 1959.
- MARGARET ANNE BRACKIN, Instructor.
Graduate, University of Pittsburgh School of Nursing (Pittsburgh, Pa.), 1956; R.N., 1956; B.S.N., University of Pittsburgh, 1956; M.P.H., University of Michigan, 1961.
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- RUBY C. COPE, Instructor.
Graduate, St. Elizabeth Hospital School of Nursing (Dayton, Ohio), 1950; R.N., 1950; B.S. in N.Ed., University of Dayton, 1952; M.S. in Nursing, Indiana University, 1958.

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Graduate, Indiana University School of Nursing, 1930; R.N., 1930; B.S. in N.Ed., Indiana University, 1960.

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FRANCES M. HELLMAN, Assistant Professor.

Graduate, St. Anthony's Hospital School of Nursing (Terre Haute, Ind.), 1934; R.N., 1934; B.S., St. Louis University, 1957.

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Graduate, Indiana University School of Nursing, 1952; R.N., 1952.

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Graduate, Indiana University School of Nursing, 1934; R.N., 1934.

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BARBARA JUNE WOOLDRIDGE, Assistant Director of Nursing Service, James Whitcomb Riley Hospital for Children.

Graduate, Indiana University School of Nursing, 1951; R.N., 1951; B.S. in Nursing, Indiana University, 1962.

HEAD NURSES

KAREN AHSMANN, Robert W. Long Hospital.

Graduate, Augustana School of Nursing (Chicago, Ill.), 1959; R.N., 1959.

(Mrs.) EDITH PAULINE BECK, James Whitcomb Riley Hospital for Children.

Graduate, Ball Memorial Hospital School of Nursing (Muncie, Ind.), 1937; R.N., 1937.

LOIS MAE BULLERMAN, Operating Rooms, Robert W. Long Hospital.

Graduate, Ball Memorial Hospital School of Nursing (Muncie, Ind.), 1957; R.N., 1957.

(Mrs.) CAROLYN BUSH, Robert W. Long Hospital.

Graduate, Indiana University School of Nursing, 1961; R.N., 1961; B.S. in Nursing, Indiana University, 1961.

(Mrs.) EVELYN JANE CRAIG, Operating Rooms (Recovery Room), Robert W. Long Hospital.

Graduate, Methodist Hospital of Indiana School of Nursing (Indianapolis, Ind.), 1945; R.N., 1945.

MARY ANN DINNIN, James Whitcomb Riley Hospital for Children.

Graduate, Holy Cross Central Hospital School of Nursing (Notre Dame, Ind.), 1956; R.N., 1956.

ERNA LAJEANNE FOERTSCH, James Whitcomb Riley Hospital for Children.

Graduate, Protestant Deaconess Hospital School of Nursing (Evansville, Ind.), 1957; R.N., 1957.

JOANN GORMONG, James Whitcomb Riley Hospital for Children.

Graduate, St. Anthony Hospital School of Nursing (Terre Haute, Ind.), 1956; R.N., 1956.

DONNA KAY HANNERS, William H. Coleman Hospital for Women.

Graduate, Union Hospital School of Nursing (Terre Haute, Ind.), 1960; R.N., 1960.

GERALDINE HARTMAN, Robert W. Long Hospital.

Graduate, Union Hospital School of Nursing (Terre Haute, Ind.), 1960; R.N., 1960.

ELIZABETH HAYS, Robert W. Long Hospital.

Graduate, Union Hospital School of Nursing (Terre Haute, Ind.), 1960; R.N., 1960.

(Mrs.) MARY LOUISE HENRICH, William H. Coleman Hospital for Women.

Graduate, St. Joseph Hospital School of Nursing (Mishawaka, Ind.), 1947; R.N., 1947.

DONA HOLLOWAY, William H. Coleman Hospital for Women.

Graduate, Indiana University School of Nursing, 1961; R.N., 1961; B.S. in Nursing, Indiana University, 1961.

(Mrs.) ELAINE E. HUNLEY, Robert W. Long Hospital.

Graduate, Good Samaritan Hospital School of Nursing (Vincennes, Ind.), 1938; R.N., 1938.

(Mrs.) NORMA KEITHLEY, Robert W. Long Hospital.

Graduate, Methodist Hospital School of Nursing (Indianapolis, Ind.), 1949; R.N., 1949.

(Mrs.) CLARA M. MCKEEHAN, William H. Coleman Hospital for Women.

Graduate, Galesburg Cottage Hospital School of Nursing (Galesburg, Ill.), 1959; R.N., 1959.

(Mrs.) GEORGIA BELLE NYLAND, Robert W. Long Hospital.

Graduate, Indiana University School of Nursing, 1942; R.N., 1942.

SARAH PACK, James Whitcomb Riley Hospital for Children.

Graduate, Parkview-Methodist School of Nursing (Fort Wayne, Ind.), 1958; R.N., 1958.

(Mrs.) NANETTE RITTER, James Whitcomb Riley Hospital for Children.

Graduate, Indiana University School of Nursing, 1960; R.N., 1960; B.S. in Nursing, Indiana University, 1960.

(Mrs.) NEOMA DARLENE ROBLING, William H. Coleman Hospital for Women.

Graduate, St. Mary's Hospital School of Nursing (Evansville, Ind.), 1957; R.N., 1957.

BEVERLY SCHNIPPEL, James Whitcomb Riley Hospital for Children.

Graduate, St. Vincent's School of Nursing (Indianapolis, Ind.), 1958; R.N., 1958; B.S. in Nursing, St. Louis University (St. Louis, Mo.), 1962.

SARAH STONEMAN, Robert W. Long Hospital.

Graduate, Charity Hospital School of Nursing (New Orleans, La.), 1952; R.N., 1952.

PAULINE MARIE TATE, James Whitcomb Riley Hospital for Children.

Graduate, Union Hospital School of Nursing (Terre Haute, Ind.), 1937; R.N., 1937.

MILDRED LUCILLE TEEGARDEN, Robert W. Long Hospital.
Graduate, Indiana University School of Nursing, 1928; R.N., 1928.

(Mrs.) CAROLYN MARY TUNGATE, Robert W. Long Hospital.
Graduate, Indiana University School of Nursing, 1958; R.N., 1958; B.S. in Nursing,
Indiana University, 1958.

SPECIAL LECTURERS

(Mrs.) PATRICIA BEALL, Director of the Social Service Department, Medical
Center, and Assistant Professor of Social Service.
A.B., Duke University, 1938; A.M., Indiana University, 1950.

JOHN ARMEL GOOGINS, Visiting Lecturer in Public Health.
B.S., University of Maryland, 1948; M.D., 1950; M.P.H., Johns Hopkins University, 1954.

BELLA R. GOODMAN, Dietitian.
B.S., University of Cincinnati, 1960.

HAROLD RAIDT, Associate Professor of Microbiology.
B.S., University of Kentucky, 1933; M.S., 1934.

ADMINISTRATIVE AND TEACHING STAFF FROM COOPERATING AGENCIES

*Health and Hospital Corporation, Marion County, Division of Public Health,
Bureau of Public Health Nursing*

HENRY NESTER, Ph.D., M.D., Director, Division of Public Health.

OLIVIA SYMTHE, R.N., A.M., Director, Bureau of Public Health Nursing.

LILLIAN RESNICK, R.N., M.S., Assistant Nurse Director, Bureau of Public
Health Nursing.

LUCILLE CARLIN, R.N., M.S., Maternal and Child Health Nurse Consultant,
Bureau of Public Health Nursing.

Indianapolis Visiting Nurse Association

ANNE GIBBS, R.N., M.P.H., Director.

CHARLOTTE AKINS, R.N., M.S., Educational Director.

Flanner House, Inc.

MOLLY MORETZ, Pre-school Educational Director.

LaRue D. Carter Memorial Hospital

DONALD F. MOORE, M.D., Medical Director.

THEODORE KOLDJESKI, R.N., B.S. in N.Ed., Director of Nursing and Assistant
Professor, School of Nursing.

Central State Hospital

C. L. WILLIAMS, M.D., Superintendent.

MARTHA E. ROGERS, R.N., M.S., Director of Nursing and Associate Professor,
School of Nursing.

ADMINISTRATIVE OFFICERS FROM DIVISION OF UNIVERSITY EXTENSION

SMITH HIGGINS, Ph.D., Dean of the Division of University Extension.

VIRGIL HUNT, A.M., Director of the Indianapolis Downtown Campus, Division of University Extension.

(Mrs.) GERTRUDE K. HEBERLEIN, A.M., Assistant Director of the Indianapolis Downtown Campus, Division of University Extension.

HEADS OF DEPARTMENTS, SCHOOL OF MEDICINE

WARREN ANDREW, Chairman, and Professor of Anatomy.

A.A., Duluth Junior College, 1930; A.B., Carleton College, 1932; M.S., Brown University, 1933; Ph.D., University of Illinois, 1936; M.D., Baylor University, 1943.

JOHN LYNN ARBOGAST, Director of the Medical Technology Program, Director of the Clinical Laboratory, and Professor of Clinical Pathology.

A.B., Indiana Central College, 1925; B.Mus.Ed., Illinois Wesleyan University, 1930; M.D., Indiana University, 1936.

JAMES ELWIN ASHMORE, Chairman, Pharmacology, and Professor of Biochemistry and Pharmacology.

B.S., North Texas State College, 1947; M.S., 1948; Ph.D., St. Louis University, 1953.

PARKER REYNOLDS BEAMER, Chairman, and Professor of Pathology.

A.B., University of Illinois, 1935; M.S., 1937; Ph.D., 1940; M.D., Washington University, 1943.

DONALD EDWIN BOWMAN, Chairman, and Professor of Biochemistry.

A.B., Western Reserve University, 1933; A.M., 1935; Ph.D., 1937.

DAVID EDWARD BROWN, Chairman, Otorhinolaryngology and Bronchoesophagology, and Professor of Otorhinolaryngology.

A.B., Stanford University, 1932; M.D., 1936.

JOHN ALEXANDER CAMPBELL, Roentgenologist in the University Hospitals, Consulting Roentgenologist in the Student Health Service, and Chairman and Professor of Radiology.

B.S., University of Cincinnati, 1935; B.M., 1937; M.D., 1938.

WALTER DONALD CLOSE, Medical Director of University Hospitals, Director of Postgraduate Medical Education, and Associate Professor of Medicine.

A.B., Indiana University, 1930; M.D., 1933.

CLYDE GRAY CULBERTSON, Chairman, and Professor of Clinical Pathology.

B.S., Indiana University, 1928; M.D., 1931.

(Mrs.) FRANCES CLARK EKSTAM, Director of the Program in Physical Therapy, and Assistant Professor of Physical Therapy.

B.P.E., George Williams, 1933; B.Ed., Illinois State Normal University, 1935; Certificate in Physical Therapy, Harvard University, 1944.

DOROTHY ERICSON, Director of the Program in Occupational Therapy, and Assistant Professor of Occupational Therapy.

B.S. in Occupational Therapy, University of Kansas, 1952; A.M., Columbia University, 1959.

GEORGE JOSEPH GARCEAU, Orthopedist to the Riley Hospital, and Chairman and Professor of Orthopedic Surgery.

A.B., Northwestern University, 1924; M.D., 1924.

ROBERT AUSTIN GARRETT, Chairman, and Professor of Urology.

A.B., Miami University, 1940; M.D., Indiana University, 1943.

VICTOR CHARLES HACKNEY, Chairman, and Professor of Dermatology.

A.B., Colgate University, 1940; M.D., Yale University, 1943.

ROBERT F. HEIMBURGER, Director of the Section of Neurological Surgery, and Professor of Surgery.

B.S., Drury College, 1939; M.D., Vanderbilt University, 1943.

JOHN BAMBER HICKAM, Chairman, and Professor of Medicine.

A.B., Harvard University, 1936; M.D., 1940.

SAMUEL HERSEY HOPPER, Chairman, and Professor of Public Health.

B.S., Massachusetts Institute of Technology, 1933; M.S., 1934; Ph.D., 1937.

CARL PARKER HUBER, Chairman, and Professor of Obstetrics and Gynecology.

A.B., University of Michigan, 1924; A.M., 1925; M.D., 1928.

LOUISE IRWIN, Director of the Department of Dietetics, and Assistant Professor of Dietetics.

B.S., Purdue University, 1939; M.S., 1950.

LYMAN THOMPSON MEIKS, Chairman, and Professor of Pediatrics.

A.B., DePauw University, 1923; M.D., Johns Hopkins University, 1927.

JOHN IGNATIUS NURNBERGER, Director of the Institute of Psychiatric Research, and Chairman and Professor of Psychiatry.

B.S., Loyola University (Ill.), 1938; M.S., Northwestern University, 1942; M.D., 1943.

ALEXANDER TRELOAR ROSS, Chairman, and Professor of Neurology.

A.B., Stanford University, 1928; M.D., University of Oregon, 1932; M.S., University of Michigan, 1937.

EWALD ERDMAN SELKURT, Chairman, and Professor of Physiology.

A.B., University of Wisconsin, 1937; A.M., 1939; Ph.D., 1941.

EDWARD WHITE SHRIGLEY, Chairman, and Professor of Microbiology.

B.S., Iowa State College of Agriculture and Mechanic Arts, 1932; M.S., 1933; A.M., Harvard University, 1934; Ph.D., University of Wisconsin, 1937; M.D., 1941.

HARRIS B. SHUMACKER, JR., Chairman, and Professor of Surgery.

B.S., University of Chattanooga, 1927; A.M., Vanderbilt University, 1928; M.D., Johns Hopkins University, 1932.

VERGIL KENNETH STOELTING, Chairman, and Professor of Anesthesiology.

B.S., Indiana University, 1936; M.D., 1936.

HAROLD MILTON TRUSLER, Director of the Section of Plastic Surgery, and Professor of Surgery.

A.B., State University of Iowa, 1920; M.D., Indiana University, 1924; M.D. *cum laude*, 1925.

FRED MADISON WILSON, Chairman, and Professor of Ophthalmology.

A.B., Indiana University, 1936; M.D., 1939.

School of Nursing

Indiana University. By every measure of strength among modern universities, Indiana University ranks near the top. It is old enough (founded in 1820) to have great stability and great traditions. It is large enough (tenth in the nation) to offer a breadth of instruction seldom equaled. Yet, through a carefully organized system of counseling, it gives personal and individual attention to each student.

The Indiana faculty, including scholars of national and international reputation, offers instruction and training in research in hundreds of subjects. The University libraries, which include some of the nation's most important collections in a number of fields, contain more than 4,000,000 pieces.

On all of its campuses Indiana University has sought to preserve the informality and friendliness of a small school. As the result, no student becomes "lost" in the transition from high school to university. This has been accomplished through the successful faculty-student counseling program of the Junior Division, the "academic home" of all freshmen, and the individualized programs in all the dormitories.

More than twenty different offices at Indiana University provide services designed to give each student individual attention. These include aid in acquiring correct study and reading habits, health care, planning for special courses of study, part-time employment, student loans and scholarships, aid in finding accommodations, and job placement service on graduation.

Since Indiana University is composed of several different schools or divisions, students receive a wide variety of opportunities for study and training. These schools cover the fields of the allied health sciences; arts and sciences; business; dentistry; education; health, physical education, and recreation; law; library science; medicine; music; nursing; optometry; and social service.

The College of Arts and Sciences has one of the largest enrollments and faculties of any college in Indiana. The School of Business, by national ranking, is a leader in a wide variety of business training courses. The School of Music is outstanding among such schools at state universities. A large percentage of the administrators and teachers in the state's public school system have been trained in the School of Education. The School of Health, Physical Education, and Recreation offers many new courses in the expanding field of health and recreation. Through the facilities of the Medical Center at Indianapolis, the School of Medicine (fifth in enrollment), the School of Dentistry, and the School of Nursing offer exceptional opportunities for training. The School of Law, both at Bloomington and at Indianapolis, is recognized as outstanding. The Division of Allied Health Sciences offers several programs leading to degrees in the various fields associated with medicine and dentistry. The Division of Library Science

and the Division of Optometry offer the only accredited programs in Indiana leading to degrees in the fields of library science and optometry.

The Graduate School at Indiana attracts scholars from hundreds of other institutions, both in the United States and abroad. Specialized study is available on the highest academic levels and in all major fields of study.

Though Bloomington is a small city, Indiana University is able to provide cultural advantages seldom duplicated in metropolitan areas. These include outstanding symphony orchestras, world-famous musicians and lecturers, Broadway dramatic and musical productions, ballet, etc. Many students enjoy participating in the activities of the more than forty musical units on the campus, including the philharmonic orchestra, band, chorus, and many other smaller ensembles. Others become interested in the programs of the campus publications such as the daily newspaper, or in the self-government groups, religious organizations, and the many hobby clubs.

Within easy driving distance from the Bloomington Campus are immense state forest preserves and three state parks, which are available for recreational purposes. The campus itself is famous for its natural beauty, as is the southern Indiana area in which the University is located. Extensive space on the campus is provided for outdoor and indoor sports and games.

Housing for students has been a major undertaking of the University. Dormitories, with accommodations available at a wide range of prices, are provided for more than half of the students enrolled. The buildings are modern and include facilities which offer opportunities for comfort beyond the average "room and board."

Indiana University is constituted by law as the head of the state's public school system. It is supported by the people of Indiana, who have always been alert to the finest in educational opportunities. The University has not been content to rest on past attainments. Perhaps that is one reason why it is one of the fastest growing universities among the thirty largest and best American institutions.

OVERVIEW

Indiana University School of Nursing offers to qualified high school graduates a four-year undergraduate program of general and professional education leading to the degree Bachelor of Science in Nursing. The curriculum is designed to develop competencies essential for beginning professional practice and includes beginning leadership roles in nursing. The arts and sciences content of the program, selected from the humanities and the physical, biological, and social sciences, comprises approximately half of the required credits and provides for breadth of understanding for personal and professional living. The professional nursing courses, making up the remaining required credits, prepare for professional service.

The School of Nursing is one of the several baccalaureate professional programs in the health field located on the Medical Center Campus in Indianapolis. All freshman students, including those in-

terested in nursing, enroll in the Junior Division on the Bloomington Campus. The nursing students are counseled by faculty members from the School of Nursing.

At the beginning of the sophomore year, students who have earned no less than a C grade average (2.0) and are approved by the School are certified to the School of Nursing at the Medical Center. During the next three years, students complete basic and clinical nursing courses and at the same time carry thirty semester hours of required arts and sciences credit. The arts and sciences courses are taught through the facilities of the Indianapolis Downtown Campus of the Division of University Extension.

Requests for information on nursing should be directed to the Indiana University School of Nursing, 1232 West Michigan Street, Indianapolis, Indiana.

HISTORICAL BACKGROUND

By action of the Board of Trustees and the Administrative Officers of Indiana University, the School of Nursing opened in 1914 as the Indiana University Training School for Nurses. Since that time, the School has offered an uninterrupted educational program in an era of rapid social change, two major wars, and unprecedented technological expansion. Theoretical courses were given by members of the faculties of the School of Medicine, the College of Arts and Sciences, and the Training School. The latter faculty consisted of the Superintendent of Nurses, her assistant, one full-time nurse instructor, and a dietitian. The name of the School was officially changed from the Training School for Nurses to the School of Nursing in 1956.

The Robert W. Long Hospital, the only building on the Indianapolis campus at that time, was opened in 1914. Over the years the educational program has been modified and improved. New courses, as well as increased hours of instruction, were added to the curriculum. The educational experiences of students were further enriched by the expansion of clinical, teaching, and living facilities. The James Whitcomb Riley Hospital for Children was built in 1924. In 1927, the William H. Coleman Hospital for Women became a part of the Medical Center. The Ball Residence for Nurses, the gift of Ball Brothers of Muncie, Indiana, was constructed in 1928, and the Ball Residence Annex was built in 1945 with an addition to the Annex in 1957. The Union and Food Service Building was completed in 1953. A wing to the Riley Hospital for cancer research and the Service and Central Stores Building were completed in 1955. The Aldred S. Warthin Apartments for married students and staff were completed in 1958. An addition to the Union and Food Service Building was finished in 1959, and the Medical Science Building was dedicated in the same year. An addition to the School of Dentistry Building was completed in 1961.

In 1939, one year of college (or thirty college credits) in specified subjects was required for admission to the School. In 1950, the present four-year program leading to the degree B.S. in Nursing was first offered. Students now register for thirty credits in the Junior

Division of the University, on the Bloomington Campus, as do all students registered in the University for a bachelor's degree. An additional thirty credits in courses in the arts and sciences are offered throughout the three years of the clinical portion of the program, through the Indianapolis Downtown Campus of the Division of University Extension.

ACCREDITATION

The Program of the School of Nursing, which includes public health nursing, is fully accredited by the National League for Nursing and is also accredited by the Indiana State Board of Nurses' Registration and Nursing Education. The School of Nursing is an agency member of the Department of Baccalaureate and Higher Degree Programs, National League for Nursing.

EDUCATIONAL PHILOSOPHY AND OBJECTIVES

As an integral unit of Indiana University, the School of Nursing accepts its responsibility for contributing to the University's objectives and ideals of excellence in teaching, advancement and discovery of knowledge, and positive contribution to the general welfare of society and its institutions.

Professional nursing practice involves a direct giving-taking relationship with patients, families, and communities and demonstrates in practice the value of preventive, teaching, and rehabilitative health services for people. It means not only doing with, for, and to patients, but more important, encouraging people to use professional nursing services for becoming increasingly able to do for themselves. It contributes to society's health, cooperating with the other health professions. It involves effective functioning and relations with professional and nonprofessional health workers in the variety of settings where need for nursing services exists.

The professional nurse translates knowledge from the biological and social sciences into comforting attitudes, emotional support, and thorough physical care for the ill. She helps patients and families live within the limitations imposed by disease or injury. She encourages patients and families to become increasingly self-directing in matters of health. She develops a plan of nursing care based on an understanding of the total therapeutic plan of care. She identifies nursing problems and makes valid judgments about appropriate possible solutions.

Nursing education is education for professional service. As such, nursing education should base its practices on broad social values which take precedence over selfish aims. Basic baccalaureate nursing education prepares future practitioners who possess competencies for beginning professional practice and for beginning leadership roles in nursing. The faculty accepts responsibility for helping students to view baccalaureate education as personal and professional growth and to encourage them to seek continuing development of their potential capacities. Educational experiences should help students to become

responsible citizens of this state and nation, with some understanding of world health problems and programs. The relations of students with faculty and with personnel in the various clinical settings exert major influence on the concerns and relations of students as graduate nurses. It is, therefore, imperative that these are positive experiences, with patients and families as the central focus.

Basic baccalaureate nursing education should involve both liberal and professional nursing education. Liberal education should contribute to the student's growth in knowledge, cultivation of intellectual skills, and effective use of feeling and actions. It should foster those enduring values which guide and enrich human living. The professional component should encourage continuing development and application of the knowledges, attitudes, and intellectual skills of liberal education to the solution of professional problems.

The faculty believes that the teaching-learning process should provide opportunities for students to attain the stated objectives. Learning experiences should be planned to achieve sequence, continuity, and integration of the knowledges, skills, and attitudes defined by the objectives as essential for professional practice. The teaching-learning process should include opportunity for teacher-student cooperation in selecting and evaluating learning experiences and in appraising student progress and teaching methods. Learning experiences should direct student effort toward increasing self-understanding and understanding of others and increasing capacity in the use of intellectual skills. Students should be encouraged to re-examine and re-evaluate values and goals. They should have the opportunity to become increasingly mature professional persons who work constructively with both people and ideas.

Within this framework of beliefs, democratic values are accepted as providing the best possible environment for human endeavor, experience, and happiness.

The curriculum of the School of Nursing is planned so that the following general goals may be achieved by the student:

1. Understanding the individual in health and illness as a member of a family within the community.
2. Skill in ministering to the nursing needs (preventive, remedial, restorative, sustenal), of individuals in homes, hospitals, and other community facilities.
3. Ability to think effectively about theoretical and practical problems in nursing.
4. Skill in effective interpersonal relationships with individuals and groups.
5. Ability to communicate effectively as a member of the health team and the community.
6. Accepts responsibility for personal and professional growth.

MEDICAL CENTER FACILITIES

The hospitals on the campus provide a wide variety of experience in patient care and health education.

The Robert W. Long Hospital has facilities for 276 medical and surgical patients, outpatient clinics, and the necessary operating rooms, X-ray and central supply departments to care for such patients.

The James Whitcomb Riley Hospital for Children has 194 beds and an outpatient department which cares for sick children.

The Rotary Club unit provides special facilities such as the Cerebral Palsy Department, Child Guidance Clinic, Well Baby Clinic, Orthoptic Clinic, and Speech Therapy Clinic.

The William H. Coleman Hospital for Women has facilities to care for sixty mothers and their babies, and sixteen additional beds for gynecological patients.

The outpatient departments of the four University hospitals care for an average of 238 patients daily.

The educational division in Ball Residence for Nurses includes teaching facilities, with the equipment necessary to conduct a comprehensive teaching program. Additional facilities of the Medical Center Campus are available for instructional purposes. There are comfortable living quarters in Ball Residence, including reception and recreation rooms, kitchenettes, laundries, a gymnasium, and a sun deck.

The School of Nursing library is located in the Medical Science Building, along with the School of Medicine library. The library contains a generous supply of reference material, including professional periodicals.

The Union and Food Service Building provides food service, recreational facilities, and accommodations for guests. The University bookstore, beauty shop, barber shop, and swimming pool are housed in the same building.

OTHER FACILITIES

Other health agencies provide the student with experience in psychiatric nursing, public health nursing, and nursery school.

LaRue D. Carter Memorial Hospital is a 225-bed intensive treatment center for the care of the mentally ill—men, women, and children. The hospital provides guided clinical instruction in the care of patients with psychiatric disorders.

Central State Hospital is a 2,440-bed hospital for the care of the mentally ill. The facilities in this hospital are used for clinical instruction in psychiatric nursing.

The Health and Hospital Corporation of Marion County, Division of Public Health, is an official health agency which offers the student experience in clinics, field visits to community agencies, school health programs, and home visits.

The Visiting Nurse Association of Indianapolis is a United Fund agency which affords the nursing student experience in the sociological, psychological, and economic aspects of the ill patient and in bedside care and health teaching of the patient and family in the home.

Flanner House, a community center, offers the student in nursing an opportunity for experience with well children in the activities of a day nursery school.

In addition to the planned programs in the agencies described above, students have experience in a variety of community organizations and agencies such as: voluntary health agencies, nursing homes, doctors' offices, industries, etc.

GENERAL INFORMATION

Orientation. In the fall and spring of the freshman year, all nursing students are invited to the School of Nursing to become acquainted with the facilities and to be measured for the student nurse uniform. Immediately preceding the first semester of the sophomore year, all students come to the School of Nursing for additional orientation.

Living Arrangements. *Bloomington:* Applications for University housing and questions about University housing should be addressed to the Director of the Halls of Residence, 801 North Jordan, Indiana University, Bloomington, Indiana. Freshman women are required to live in the Halls of Residence.

Medical Center: Applications for housing and questions concerning housing on the Medical Center Campus should be addressed to Director of Housing, Warthin Apartments, 440 North Winona Street, Indianapolis, Indiana. A \$25 deposit must accompany the application.

Students whose homes are in Marion County may live at home if they so desire. A written letter from the parents, accompanying the application for admission to the School of Nursing, is required for permission to live at home.

Health Service. A complete physical examination, including chest X ray, is provided as part of the admission requirements to the School. The physical examinations are repeated annually.

A Student Health Service is maintained under the supervision of the Medical Director of the Student Health Service. Medical care is provided by staff physicians through clinic consultation and hospitalization.

Vacations. Freshman students have the first summer free; sophomore and junior students have three to four weeks each summer, and senior students complete their educational program at the end of the spring semester of the senior year.

Leaves of Absence. It is desirable that the educational program continue without interruption; therefore, requests for leaves of absence are on an individual basis and are granted when the situation indicates they are necessary.

Allowance for illness is based upon the time at which it occurs and the amount of time lost. Loss of time in any one clinical area may require that the student repeat this course.

Marriage. The School of Nursing accepts married students and permits students to marry at any time, provided that they maintain

the standards of the School. A written statement of permission from parents or guardian must be presented at the time the student indicates intent to marry to the Dean of the School.

Activities. The Alpha Chapter of Sigma Theta Tau, national honorary nursing society, was established at Indiana University School of Nursing in 1922. It is open to junior and senior students who have a 3.0 cumulative average, who possess desirable personal qualifications, and who exhibit qualities of leadership. Sigma Theta Tau fosters high professional standards and promotes the maximum development of its members for service to society.

An organization of which all students are members is the Student-Faculty Government of the School of Nursing. The purpose of this organization is to foster student-faculty cooperation and unity, develop and support student government, stimulate a sense of individual responsibility and loyalty, and uphold the ideals and standards of the School and the nursing profession. The Executive Council, composed of elected officers, class and affiliated school representatives, the Dean of the School, and selected faculty representatives, guide the organization.

A variety of recreational activities is offered to students. Facilities are available for dances, teas, parties, movies, tennis, archery, ping-pong, baseball, badminton, basketball, swimming, and bicycling.

The campus chorus, Medical Center Choraliers, is open to all students on the Medical Center Campus. It provides music for school and civic occasions.

The Inter-Varsity Christian Fellowship is an international organization founded in Britain in 1867 for the development of Christian fellowship on university campuses. The Medical Center chapter was organized in September, 1944.

The Newman Club, an organization primarily for Catholic students, has an active chapter on the campus for Medical Center personnel.

All students are eligible for membership in the Central District Association of Student Nurses, an organization comprised of students from all schools of nursing in Indianapolis. This affords the student the opportunity to meet other student nurses, promote interschool affairs, promote interest and awareness of professional nursing organizations, and prepare for participation in these organizations. This organization is a part of the Indiana Association of Nursing Students and the National Student Nurses' Association.

Sound Waves, a school newspaper, is published monthly by the students and reports on student activities and items of general interest.

Counseling. *Bloomington:* The School of Nursing has an office in the Junior Division, Maxwell Hall. A faculty member from the School of Nursing is available for one full day a week for purposes of counseling, guidance, and interpretation of the program.

Medical Center: Faculty members serve as counselors for students. Throughout the program by individual and/or by group conferences, students may seek assistance with problems of a personal or academic nature.

Affiliate Program. A thirteen-week affiliate program in the Nursing Care of Children is offered students from four diploma schools of nursing in Indiana, Illinois, and Missouri. Clinical experience is provided in the Riley Hospital for Children.

Fees for affiliation are: in-state schools, \$25 per student; and out-of-state schools, \$60 per student.

ALUMNAE ASSOCIATION

On August 1, 1854, the Alumni Association of Indiana University was formed and has functioned continuously since that time. This organization includes in its membership both graduates and non-graduates. The *Indiana Alumni Magazine*, official publication of the Alumni Association, is sent to all paid-up members of the association. The Executive Council functions as a board of directors of the Alumni Association and it is composed of representatives from the schools within the University.

Although the Nurses' Alumnae Association of the School of Nursing was first organized in 1917, it functioned as an independent organization until 1954, when it became a constituent organization of the Alumni Association of the University, with representation on the Executive Council. Graduates of the School of Nursing may become members of the Alumni Association of Indiana University and the Nurses' Alumnae Association by the annual payment of dues (\$6).

FINANCIAL ASSISTANCE

Scholarships are available to qualified nursing students on the Bloomington Campus. At least two state scholarships are offered to students from each county in Indiana. There are, also, 250 Merit Scholarships available each year, as well as a number of endowed scholarships.

The University maintains a nonprofit loan service to aid students who need either temporary or long-term financial assistance in meeting their educational expenses. Both the University and the School of Nursing offer a "Pay As You Learn" plan whereby the University co-operates with several banks which have established finance plans for students. These plans generally provide that the bank will advance the major portion of a student's expenses each year, with repayment being made to the bank in equal monthly installments over a more extended period.

For further information on scholarships and financial aid during the freshman year on the Bloomington Campus, write to: Director of Scholarships and Financial Aids, Maxwell Hall, Indiana University, Bloomington, Indiana.

Scholarships and/or loans are also available in the School of Nursing at the Medical Center. Students apply each year, and applications are to be filed by May 1 for the following academic year. Scholarships are provided through the Florence Nightingale Fund, the Riley Memorial Foundation, the Riley Cheer Guild, the George

A. Schilling Fund, the Diane Groff Memorial Scholarship, the Ruth Orum Orgain Memorial Scholarship, and the School of Nursing Parents Club Fund.

Students may apply for appointments in the Army Student Nurse Program at the beginning of their junior year or in the Navy Nurse Corps Candidate Program at the beginning of their senior year. The appointments carry generous financial allowance. A student who participates for twelve months or less serves on active duty in the respective service for twenty-four months. If two years' support has been given, she serves thirty-six months. The School is approved for aid under the G.I. Bill and the War Orphans Education Program. Students may also apply for loans through the National Defense Student Loan Program or the Kellogg Loan Fund.

Students in the sophomore, junior, and senior years may make application to the Personnel Department for employment in various departments on the Medical Center Campus. During the junior and senior years students may be employed in the Medical Center hospitals. For further information on financial assistance write to: Dean of the School of Nursing, 1232 West Michigan Street, Indianapolis 7, Indiana.

ACADEMIC STANDING

Grade Code. Achievement of students in each course is recorded by the following letter grades: A, highest passing grade; B, above average; C, average; D, lowest passing grade; F, failure; I, incomplete; W, withdrawal; and WF, failing or unauthorized withdrawal.

The symbol I is used to indicate that some essential part of a course has not been completed. Students must remove an incomplete grade within two semesters, or one summer session and one semester. If unusual circumstances intervene within the stated time, special arrangements must be made by the student with the approval of the instructor assigning the incomplete grade and the Office of the Dean. Students receiving an F or WF must repeat the course if it is a requirement for graduation or if credit for the course is desired. There is no re-examination privilege.

Credit Points. Credit points are used to complete scholastic standing. Each semester hour of credit is valued in credit points as follows: grade A, 4 points; grade B, 3 points; grade C, 2 points; grade D, 1 point; and grade F, 0 points. For example, if a student receives 8 hours of C, 3 hours of B, and 3 hours of A in a semester, her average is 2.6, the result of dividing her 37 credit points earned by the 14 credit hours completed.

Cumulative Average. The cumulative average is computed by dividing total credit points earned by total credit hours completed. If an F grade has been earned and removed by retaking the course, both the F and the passing grade earned must be counted in computing the cumulative average. A cumulative average of C (2.0) is required for certification to and graduation from the School of Nursing.

Probation. Students are placed on probation for the semester succeeding the one in which they fail to earn a C in a clinical nursing course or in the clinical practice of a nursing course. Students are removed from probation at the end of the semester in which their cumulative average is C (2.0) in the courses constituting the nursing major. Following certification to the School of Nursing, students may be assigned to probationary status for only one semester.

A cumulative average less than a C in the general education courses does not constitute probationary status. However, students must have earned a minimum cumulative average of C (2.0) in the general education courses before being graduated.

Probation may be assigned to students who fail to meet satisfactory standards of professional behavior. Unsatisfactory standards are represented by such behavior as: absence without leave, undue carelessness or negligence in nursing practice, inattention to the needs of patients, and falsification of records or reports. Students and parents are notified of probationary status.

Separation. Students are normally requested to withdraw from the School when they fail to meet the scholastic and professional requirements.

- a. If the cumulative average in all courses constituting the nursing major is less than C (2.0) at the end of the probationary period of any term subsequent to the probationary period.
- b. If grades below C (2.0) in any two clinical nursing courses are received during the educational program.
- c. If grades below C (2.0) are received for the clinical practice portion of any two clinical nursing courses.
- d. If there is continued evidence of unsatisfactory standards of personal and professional behavior.

The faculty reserves the right to request the withdrawal of any student whose personality, health, or conduct demonstrate unfitness to continue preparation for professional nursing.

Grade Reports. Grade reports are mailed to students and their parents as soon as possible after the end of a semester. "Smoke-up" notices are sent to sophomore students earning mid-semester grades below C in nursing courses. Parents are also notified.

Honors. Recognition for high cumulative grade averages is given by the designation *Highest Distinctions*, *High Distinction*, and *Distinction*. These distinctions are usually given to the top ten percent of the graduating class.

Basic Professional Curriculum

Indiana University School of Nursing offers a four-year program leading to the degree Bachelor of Science in Nursing. In this program, students spend the first year on the Bloomington Campus or in equivalent University work approved by the School of Nursing and the College of Arts and Sciences, and three years at the Medical Center in Indianapolis.

Admission Requirements. Students admitted to Indiana University directly from high school and students transferring to Indiana University during their freshman year, must register in, and must meet the entrance requirements of, the Junior Division of the University. The following paragraphs indicate minimum requirements for admission.

In-State Freshmen: Graduation from a commissioned high school, successful completion of a college preparatory course, and satisfactory performance on a test in written composition. A sound high school preparation for college-level work should include the following subjects:

English	-	-	-	-	-	-	-	4 units
Foreign language	-	-	-	-	-	-	-	2-4 units
Mathematics	-	-	-	-	-	-	-	2-4 units
Science	-	-	-	-	-	-	2 or more units	
History and Social Studies	-	-	-	-	-	-	-	2 units

A rank in the upper half of the high school graduating class.

A rank at or above the median established by Indiana students on either the American College Test (ACT) or the College Board Scholastic Aptitude Test (SAT).

The Admissions Committee has discretionary power to accept students who are deficient in one or more of these specifications and to admit them on probation.

The above standards will be in full effect for applicants wishing to enter any part of the University in September, 1964. Applicants for 1963 and for January and June, 1964, will be required to submit ACT or SAT scores and to meet as many of the other specifications as they are able. The test of written composition will be waived for 1963.

Out-of-State Freshmen: Out-of-state applicants should meet all standards expected of in-state applicants and should rank in the top fourth of their class.

Transfer Students: Students attending or planning to attend another college or university for the freshman year should obtain approval of their courses from the Office of the Dean, Indiana University School of Nursing. No credit will be granted for grades lower than C.

Appropriate credit will be arranged for equivalent work completed at other colleges and universities. Credit may be allowed for

nursing courses completed in a baccalaureate program in Nursing. Advanced standing examinations may be required. Anatomy and Physiology are carried in residence on the Bloomington Campus or in a university of equivalent nature. When transfer credit is given for Anatomy and Physiology, advanced standing examinations may be required.

Application. Application forms and information may be secured from the Indiana University School of Nursing, 1232 West Michigan Street, Indianapolis 7, Indiana. An application fee of \$10 is required of all new applicants for admission to Indiana University.

Graduation Requirements. Students must have earned a cumulative grade average of C in general education courses and a cumulative grade average of C in courses constituting the nursing major, and a minimum of 120 credits. The student must complete the final semester of English Composition (W132 or W140) with a grade of C or higher or repeat it until his use of English is acceptable to the Department of English. After completing successfully the required credits in English composition, students in the University, including transfer students, must fulfill the graduation requirement of passing, during the junior year, a proficiency examination in composition. Students who fail must register for a composition course (noncredit) before they are permitted to retake the examination. Completion of English W140 with a grade of B or higher fulfills the proficiency examination requirement.

Students must have successfully completed all arts and sciences and professional courses in the School of Nursing. Upon completion of the requirements of the basic professional curriculum, graduates are awarded the degree Bachelor of Science in Nursing by Indiana University and are eligible to take the examination for certification as Registered Nurses in Indiana, given by the Indiana State Board of Nurses' Registration and Nursing Education.* Graduates are eligible for interstate registration.

Fees and Expenses. In-state students pay a basic fee of \$10 per credit hour; out-of-state students pay a basic fee of \$23.50 per credit hour. Fees are payable at the time of registration each semester. Checks should be made payable to Indiana University. All fees are subject to change by action of the Trustees.

Refunds. Students who withdraw or are separated from the School are allowed refunds on basic fees as follows:

First week	100%
Second week	75%
Third week	50%
Fourth week	25%
Thereafter	no refund

Living Expenses. Room and meals in the Halls of Residence on the Bloomington Campus vary from \$317.50 to \$450 a semester. On

* U.S. citizenship or legal declaration of intention of citizenship is required for licensure in Indiana.

the Medical Center Campus, nursing students live in Ball Residence unless they are married or reside in Marion County and have secured permission through the School of Nursing office to live at home.

Room cost in Ball Residence is \$102.50 per semester, including a \$5 social fee, and \$5.50 per week during the summer session, including a \$2.50 social fee, payable either in full at the beginning of each semester or monthly on the first day of each month. Meals cost approximately \$2 per day in the cafeteria of the Union Building. Students may purchase meal coupon books at a reduced rate.

Uniforms. Students purchase the School of Nursing uniform through the School. The uniform worn in the hospitals requires white oxfords with leather soles, white stockings, and the school cap.

For field experience in public health nursing and field trips requiring a uniform, students need a minimum of one navy blue uniform, one pair of either black or brown walking shoes, customary hose, and a plain navy blue or black hat.

A tailored navy blue or black coat (navy blue is preferred but not mandatory) is worn with the uniform as necessary and is required for field experience in public health nursing. A navy blue trench coat with zip-in lining may be ordered through the School at a cost of \$27.95.

Books. Books cost approximately \$50 for the first year, \$90 for the second year, and \$30 per year for the last two years.

Costs. The anticipated distribution of the costs over the four years follows:

Bloomington Campus

<i>First Year</i>	<i>Fall</i>	<i>Spring</i>
Fees:		
Residents (\$10 per credit hour)	*\$160	*\$170
Nonresidents (\$23.50 per credit hour)	*\$376	*\$399.50
Other Expenses:		
Housing and Meals	\$317.50-\$450	\$303.50-\$435
Totals:		
Residents	\$477.50-\$610	\$473.50-\$605
Nonresidents	\$693.50-\$826	\$703-\$834.50

Medical Center Campus—Indianapolis

<i>Second Year</i>	<i>Fall</i>	<i>Spring</i>	<i>Summer</i>
Fees:			
Residents (\$10 per credit hour)	*\$170	*\$160	\$ 80
Nonresidents (\$23.50 per credit hour)	* 399.50	* 376	188
Other Expenses:			
Room	102.50	102.50	55
†Meals (approximate)	160	160	80
Uniforms	140		
Public Health Nursing Visit	5		
NLN Achievement Tests (approximate)	5		
Totals:			
Residents	\$582.50	\$422.50	\$215
Nonresidents	\$812	\$638.50	\$323

* First or second semester.

† For a five-day week.

Third Year

Fees:			
Residents (\$10 per credit hour)	*\$120	*\$150	\$90
Nonresidents (\$23.50 per credit hour)	* 282	* 352.50	211.50
Other Expenses:			
Room	102.50	102.50	60.50
†Meals (approximate)	160	160	110
NLN Achievement Tests (approximate)	5		
Totals:			
Residents	\$387.50	\$412.50	\$260.50
Nonresidents	\$549.50	\$615	\$382

Fourth Year

Fees:			
Residents (\$10 per credit hour)	*\$140	*\$120	
Nonresidents (\$23.50 per credit hour)	* 329	* 282	
Other Expenses:			
Room	102.50	102.50	
†Meals (approximate)	160	160	
Field Experience			
*Public Health Nursing	30		
Car Fare	15		
NLN Achievement Tests (approximate)	5		
Graduation Costs:			
School Pin		7.50	
Diploma		5	
White Uniform (approximate)		15	
Rental Academic Cap and Gown		3.25	
Licensure Examination		15	
Totals:			
Residents	\$452.50	\$428.25	
Nonresidents	\$641.50	\$590.25	

Curriculum Design. The basic professional program covers a period of four academic years plus two summer sessions. The summer session following the sophomore year is a ten-week term; the summer session following the junior year is an eleven-week term. A minimum of sixty credits in the arts and sciences and sixty credits in professional nursing courses is required for graduation. Students earn no less than thirty credits in arts and sciences during the first year. The remaining credits are taken through the Extension Division in Indianapolis during the three years the student is in residence on the Medical Center Campus. The professional nursing courses begin in the first semester of the sophomore year and continue throughout the remainder of the program.

Clinical nursing courses include learning experiences in general medical-surgical, communicable and operating room nursing, maternity nursing, nursing of children, psychiatric and public health nursing, advanced nursing, and team nursing.

Curriculum Pattern (Bloomington Campus)**FIRST YEAR**

		Credit Hours	
		Fall	Spring
§†Anatomy A210	Elementary Human Anatomy	5	
§†Physiology P204	Elementary Human Physiology		5
Chemistry C101	Descriptive Survey of Chemistry I	5	
or			
§Chemistry C100	Chemistry in the Modern World		
or			
Chemistry C105	General Chemistry		

* First or second semester.

† For a five-day week.

‡ Must be taken on the Bloomington Campus.

§ May be taken in the fall or spring semester.

English W131-W132	Elementary Composition I-II	2	2
†*English L101	Freshman Literature I		3
Sociology S161	Principles of Sociology	3	
Sociology S162	Society and the Individual		3
or			
Sociology S163	Social Problems		3
*Psychology P101	Introductory Psychology I		1
HPER W100	Physical Education Service Courses for Women	1	1
		<u>16</u>	<u>17</u>

Curriculum Pattern (Medical Center Campus—Indianapolis)

SECOND YEAR

		Credit Hours		
		Fall	Spring	Summer
		(10 weeks)		
Nursing Z113	Principles of Nursing Care	6		
Nursing Z126	Foundations of Nutrition	2		
Nursing Z206	Microbiology	4		
Nursing Z123	Pharmacology		3	
Nursing Z201-Z202	Medical-Surgical Nursing I-II		7	5
†English L102	Freshman Literature		3	
†Government G103	Introduction to American Government I			3
†Philosophy P100	Introduction to Philosophy	3		
Psychology P102	Introductory Psychology II		3	
Elective		2 or 3		
		<u>17-18</u>	<u>16</u>	<u>8</u>

THIRD YEAR

		Credit Hours		
		Fall	Spring	Summer
		(11 weeks)		
Nursing Z302	Medical-Surgical Nursing III	6		
Nursing Z303	Maternity Nursing		6	
Nursing Z326	Nursing of Children		6	
Nursing Z403	Psychiatric Nursing			6
Government G313	Workshop in International Topics and American Foreign Relations			3
†Philosophy P240	Ethics	3		
Psychology P316	The Psychology of Childhood and Adolescence	3		
†Sociology S309	The Community		3	
		<u>12</u>	<u>15</u>	<u>9</u>

FOURTH YEAR

		Credit Hours	
		Fall	Spring
Education N413	Public Health	3	
Nursing Z412	Public Health Nursing	6	
Nursing Z414	Advanced Nursing		2½
Nursing Z415	Principles of Administration Applied to Nursing		3½
Nursing Z417	Professional Nursing		3
Education N400	Foundations of Human Behavior		3
Social Service S415	Social Services to Individuals	2	
†Sociology S430	Theories of Personality Development	3	
		<u>14</u>	<u>12</u>

Research methodology elective for students with ability and interest

Nursing Z404, Individual Study in Nursing Education (credit arranged), and Nursing Z405, Workshop in Nursing (credit arranged), are offered only to graduate nursing students from foreign countries.

* May be taken in the fall or spring semester.

† Guided electives may be substituted.

Courses in the School of Nursing, 1963-64

Arts and Sciences Courses

Anatomy A210. Elementary Human Anatomy. (5 cr.)

No prerequisite. A general introduction to the basic structure of the human body which the student will be able to adapt and apply to the specific problems in his field of interest. Laboratory study of demonstration dissections and other illustrative material is integrated by discussion and lectures. Offered each semester.

Physiology P204. Elementary Human Physiology. (5 cr.)

No prerequisite. A lecture and laboratory course, covering blood, circulation, respiration, digestion, metabolism, excretion, endocrines, muscles and nerves, special senses, and the central nervous system. Offered each semester.

Chemistry C100. Chemistry in the Modern World. (5 cr.)

A study of the nature of chemical changes. Emphasizes chemistry in health and everyday living. Cannot serve as a prerequisite for any other course in chemistry. Lectures, discussion-recitation, and laboratory.

Chemistry C101. A Descriptive Survey of Chemistry I. (5 cr.)

Presents essential principles of chemistry. To be followed by C102. A grade of A is necessary for admission to C106. Lecture, discussion-recitation, laboratory.

Chemistry C105. General Chemistry. (5 cr.)

Prerequisite, two years of high school algebra or Mathematics M107, which may be taken concurrently. For chemistry majors and others intending to continue the study of chemistry beyond the first year. Lecture, recitation, and laboratory.

English W131-W132. Elementary Composition I-II. (2-2 cr.)

No prerequisite. A course in written English beginning with the acquisition of skills in simple description, narration, and exposition and progressing to the practice of persuasion and documentation in support of a thesis.

English W140. Elementary Composition, Special Program. (2 cr.)

To be taken by specially qualified students in place of W131-W132.

English L101-L102. Freshman Literature I-II. (3-3 cr.)

A study of literary masterpieces from Homer's time to the present. The aims are: to teach thoughtful, intensive reading; to introduce the student to some of the aesthetic values inherent in literature; and to make the student aware of the enjoyment that may be derived from reading.

Sociology S161. Principles of Sociology. (3 cr.)

This course describes and interprets the nature of interpersonal relationships, societies, groups, and communities, and such institutional areas as the family, industry, and religion; the social process operating within these areas; their significance for problems of personality, human nature, social disorganization, and social change.

Sociology S162. Society and the Individual. (3 cr.)

Prerequisite, S161. A study of personality and its development; its relationship to culture and communication, and to the social settings within which human beings live; deviant types.

Sociology S163. Social Problems. (3 cr.)

Prerequisite, S161. The study of selected areas that involve major social problems, such as the family, religion, the economic order, crime, mental disorders, civil rights, and racial, ethnic, and international tensions. The areas are considered in terms of the nature of the problem and its relation to the structure and values of the larger society.

Psychology P101. Introductory Psychology I. (3 cr.)

A systematic introduction to psychology as a behavioral science; its methods, data, and theoretical interpretations, with applications to the understanding and control of individual and social behavior.

Psychology P102. Introductory Psychology II. (3 cr.)

Prerequisite, P101. The field of experimental psychology with special emphasis on empirical research and theory in the areas of learning, psychophysiology, and sensory psychology.

Philosophy P100. Introduction to Philosophy. (3 cr.)

Open only to students without previous credit in philosophy. An introduction to philosophical problems through a study of the following philosophical classics: Plato, *Meno*; St. Augustine, *Confessions* (selections); Descartes, *Discourse on Method*; Hume, *Abstract and Dialogues on Natural Religion* (selections).

Government G103. Introduction to American Government I. (3 cr.)

A brief general introduction to the nature of government and its various forms and to modern theories of its function, followed by a specific treatment of the origin and nature of the American federal system and its present political party base.

Philosophy P240. Ethics. (3 cr.)

Prerequisite, three hours of philosophy or sophomore standing. A study of the conceptions of good and evil in four philosophical systems which are at present influential: Thomistic Christianity (Aquinas); Christian existentialism (Kierkegaard); atheist existentialism (Sartre); and logical positivism (Ayer).

Sociology S309. The Community. (3 cr.)

Prerequisites, six hours of sociology or S161 and junior standing. Characteristics of urban, suburban, and rural communities, especially in America; ecological analysis of community and neighborhood structure and organization; sociological aspects of housing and land utilization; human behavior in the community; patterns of community growth; and community planning.

Government G313. Workshop in International Topics and American Foreign Relations for Teachers and Community Leaders. (3 cr.)

A workshop providing an introduction to contemporary critical problems of international relations for teachers. The basis of analyses will be fundamental concepts of international relations, including sovereignty, nationalism, imperialism, collective security, race, culture, international trade, population, war, etc. Offered only in summer session.

Psychology P316. The Psychology of Childhood and Adolescence. (3 cr.)

Prerequisite, five hours of psychology. A study of the development of behavior in infancy, childhood, and youth, including a survey of the factors which influence various kinds of behavior. Examination of the literature on adolescence and training to interpret adolescent behavior problems.

Social Service S415. Social Services to Individuals. (2 cr.)

Methods of giving services to individuals, with special emphasis on the common aspects of all service professions. To be taken concurrently with Public Health Nursing Z412.

Sociology S430. Theories of Personality Development. (3 cr.)

Prerequisite, six hours of sociology, or S161 and senior standing. A systematic analysis, comparison, and appraisal of sociological and other theories of personality development.

HPER W100. Physical Education Service Courses for Women. (1-1 cr.)

All activities, including swimming.

All students are required by the University to complete a prescribed course in physical education, extending over two semesters during their residence in the Junior Division, except those exempted by the Division.

*Nursing Courses****Z113. Principles of Nursing Care. (6 cr.)**

A course planned to help students develop professional attitudes, understandings, and beginning skills necessary for meeting basic nursing needs of individuals. Rehabilitative and preventive principles emphasized, including family and community roles in health and illness. Includes introduction to nursing and fundamentals of pharmacy. Offered during the first semester.

Z123. Pharmacology. (3 cr.)

Prerequisite, Z113. A course designed to assist students to gain an understanding of the physiological actions of drugs and their therapeutic uses as well as the nurse's role in administering drugs and the need for continuous study of drug therapy. Offered the second semester.

Z126. Foundations of Nutrition. (2 cr.)

A study of the food nutrients for the normal diet with modifications to include the food habits for cultural and religious groups and for applications to the family according to age of the members, income, meal pattern, and food preferences. Offered the first semester.

Z201-Z202-Z302. Medical-Surgical Nursing I-II-III. (7-5-6 cr.)

Progressive study of nursing care of adult medical-surgical patients, including the theory underlying professional practice, with nursing care principles applied through guided experience with selected patients in various clinical settings. Includes the nurse's role as a member of the health team. Pharmacology Z123 is prerequisite to Z202.

Z206. Microbiology. (4 cr.)

A study of the general principles of microbiology with major emphasis devoted to host-parasite relationships, including the relationship of specific microorganisms to disease and related preventive measures. Principles of asepsis, disinfection, and sterilization are also studied. A lecture, discussion, and laboratory course. Offered the first semester.

Z303. Maternity Nursing. (6 cr.)

A course designed to develop basic understanding of maternity nursing care through guided experience with mothers throughout the maternity cycle. Emphasizes supportive care, health teaching, family adjustments, care of newborn, and community resources. Study of the family taught jointly with Z326.

Z326. Nursing of Children. (6 cr.)

A course planned to assist students in understanding and meeting nursing needs of the child and his family in health and illness with experience in clinic, hospital, and nursery school. Presentation of the family concept planned as a common introduction with Z303.

* Prerequisite courses, as stipulated by the curriculum pattern, are to be completed successfully before proceeding in the program.

Education N400. Foundations of Human Behavior. (3 cr.)

Prerequisites, Psychology P101 and Sociology S161. Selected facts of human development are considered in order to provide a foundation toward ability to evaluate human behavior of self, others, and groups. Practical application of interpersonal relationships are studied by small groups.

Z403. Psychiatric Nursing. (6 cr.)

This course includes principles considered essential to or inherent in promotion of mental health and treatment and rehabilitation of the mentally ill. Emphasizes interrelationships between nurse, patient, family, community, and psychiatric team members, and focuses special attention upon therapeutic role of the psychiatric nurse.

Z404. Individual Study in Nursing Education. (Credit arranged.)**Z405. Workshop in Nursing. (Credit arranged.)****Z412. Public Health Nursing. (6 cr.)**

Consideration of the development and principles of public health nursing. Integrated with field instruction in a generalized public health nursing program providing family health services. Includes selected experience in industrial nursing, school nursing, and other community agencies concerned with the families assigned for student experience. To be taken concurrently with Education N413 and Social Service S415.

Education N413. Public Health. (3 cr.)

This course deals with the major responsibilities and activities of a public health organization, and its relationship to public health nursing. Includes environmental sanitation, the epidemiology of disease, and evaluation of current control programs. To be taken concurrently with Z412.

Z414. Advanced Nursing. (2½ cr.)

Selected experience with concurrent seminar, designed to develop increasing competency in providing professional service in a variety of complex nursing situations.

Z415. Principles of Administration Applied to Nursing. (3½ cr.)

A consideration of administrative principles as guides for action in beginning leadership positions in nursing with opportunity for application of the principles through guided experience in selected clinical areas.

Z417. Professional Nursing. (3 cr.)

The history and development of nursing as a profession. Trends, fields of nursing, nursing education, professional organizations, and the graduate nurse's responsibilities in practice are studied.

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