

INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)



BASIC PROGRAMS IN NURSING

INDIANA UNIVERSITY

Training School for Nurses

1950-1951

Calendar, 1950-1951

Indianapolis Campus—Medical Center

August 28.....Monday.....Preclinical period begins (fall class).
September 11.....Monday.....First Semester begins (upper classes).
November 22.....Wednesday.....Thanksgiving recess begins (fall class).
November 27.....Monday.....Thanksgiving recess ends (fall class).
December 22.....Friday.....Christmas recess begins.
January 2.....Tuesday.....Christmas recess ends.
January 20.....Saturday.....First Semester ends (upper classes).
January 22.....Monday.....Second Semester begins (upper classes).
February 25.....Saturday.....Preclinical period ends (fall class).
June 2.....Saturday.....Second Semester ends (upper classes).
June 11-16.....Monday-Saturday.....Orientation Period (fall class-1951).
July 9-14.....Monday-Saturday.....Orientation Period (fall class-1951).
August 13-18.....Monday-Saturday.....Orientation Period (fall class-1951).

INDIANA UNIVERSITY BULLETIN

(OFFICIAL SERIES)

Entered as second-class mail matter, January 28, 1916, at the post office at Bloomington, Indiana, under the Act of August 24, 1912. Published thirty times a year (four times each in January, February, March; three times each in April, May, June; twice each in July, August, December; monthly in September, October, November), by Indiana University from the University Office, Bloomington, Indiana.

Training School for Nurses Staff

GENERAL ADMINISTRATIVE OFFICERS

- HERMAN B WELLS, A.M., LL.D., President of the University.
- WILLIAM LOWE BRYAN, Ph.D., LL.D., L.H.D., President Emeritus of the University.
- HERMAN THOMPSON BRISCOE, Ph.D., Vice President, and Dean of the Faculties.
- JOSEPH AMOS FRANKLIN, B.S., Vice President, and Treasurer.
- CHARLES EDWIN HARRELL, A.B., LL.B., Registrar, and Director of the Office of Records and Admissions.
- JOHN WILLIAM ASHTON, Ph.D., Dean of the College of Arts and Sciences.
- PRESSLY SPINKS SIKES, Ph.D., Dean of the Junior Division.
- JOHN DITMARS VAN NUYS, A.B., M.D., Dean of the School of Medicine.
- JEAN LUCILLE COFFEY, B.S., A.M., Director, Training School for Nurses and Nursing Service, School of Medicine.

ADMINISTRATIVE AND INSTRUCTIONAL STAFF

- JEAN LUCILLE COFFEY, Director, Training School for Nurses and Nursing Service, and Assistant Professor.
Graduate, Union Hospital School of Nursing (Terre Haute, Ind.), 1937; B.S., Indiana University, 1942; A.M., Teachers College, Columbia University, 1947.
- CRYSTAL ROSE ANN HALSTEAD, Assistant Director, Training School for Nurses and Nursing Service, and Assistant Professor.
Graduate, Indiana University Training School for Nurses, 1932; B.S., Indiana University, 1949.
- CHARLOTTE CATHERINE SKOOG LUND, Assistant Director, Training School for Nurses and Nursing Service, and Assistant Professor (beginning November 1, 1949).
Graduate, Arnot Ogden Memorial Hospital School of Nursing (Elmira, N.Y.), 1919; B.S., Teachers College, Columbia University, 1930; A.M., 1947.
- MILDRED LOIS BONE, Instructor.
B.S., Indiana University, 1941; M.N., Yale University School of Nursing, 1948.
- FRANCES JOAN BOROSKY, Director of Counseling and Student Activities, and Instructor.
A.B., Ohio University, 1945; A.M., Teachers College, Columbia University, 1946.
- MARTHA BRACKEN, Instructor.
Graduate, College of Nursing and Health, University of Cincinnati, 1946; B.S., 1946.
- ALICE JEANETTE DOWDS, Instructor.
Graduate, Christ Hospital School of Nursing (Cincinnati, Ohio), 1945; A.B., Ohio Wesleyan University, 1946.
- ELIZABETH DUMM, Instructor.
A.B., Muskingum College, 1924; Graduate, Christ Hospital School of Nursing (Cincinnati, Ohio), 1934; M.S., Western Reserve University, 1949.

MARJORIE JEAN LEHMAN, Instructor.

A.B., Oberlin College, 1945; M.N., Yale University School of Nursing, 1948.

RITA ANN REYNOLDS, Instructor.

Graduate, Indiana University Training School for Nurses, 1944; A.B., Indiana University, 1944.

NELLIE M. VAN DYKE, Instructor.

Graduate, St. Luke's Hospital School of Nursing (Kansas City, Mo.), 1929; B.S., Teachers College, Columbia University, 1947.

(Mrs.) KATHRYN KILE VAN WIENEN, Instructor.

Graduate, Union Hospital School of Nursing (Terre Haute, Ind.), 1936; B.S., Indiana University, 1948.

OPAL MALLEEN BRADLEY, Part-time Instructor.

Graduate, Monmouth Memorial Hospital School of Nursing (Long Branch, N.J.), 1938; B.S., University of Minnesota, 1947.

BERNICE HARTZ, Assistant Director of Nursing Service, and Supervisor of Medical and Surgical Nursing of Adults, Robert W. Long Hospital.

Graduate, City Hospital School of Nursing (Indianapolis, Ind.), 1918.

EDNA HAUGK, Assistant Director of Nursing Service, and Supervisor of Obstetrical Nursing, William H. Coleman Hospital for Women.

Graduate, Indiana University Training School for Nurses, 1930.

MARY ELIZABETH HECKARD, Assistant Director of Nursing Service, and Supervisor of Medical and Surgical Nursing of Children, James Whitcomb Riley Hospital.

Graduate, Indiana University Training School for Nurses, 1921.

(Mrs.) MARTHA LOUISE VAN SICKLE, Assistant Director of Nursing Service and Supervisor of Nursing, Rotary Convalescent Home.

Graduate, Indiana University Training School for Nurses, 1947.

(Mrs.) RUBY TOMLINSON, Evening Supervisor of Nursing, James Whitcomb Riley Hospital.

Graduate, Indiana University Training School for Nurses, 1934.

(Mrs.) THELMA RICHARDSON, Assistant Supervisor of Nursing, Robert W. Long Hospital.

Graduate, School of Nursing, Retreat for the Sick (Richmond, Va.), 1926.

(Mrs.) ROSEMARY ROSS, Assistant Supervisor of Nursing, James Whitcomb Riley Hospital.

Graduate, Indiana University Training School for Nurses, 1933.

JESSIE L. GROVES, Assistant Evening Supervisor, Robert W. Long Hospital.

Graduate, Culver Union Hospital School of Nursing (Crawfordsville, Ind.), 1914.

(Mrs.) JENNESS HATTON BAIRD, Night Supervisor, Robert W. Long Hospital.

Graduate, Indiana University Training School for Nurses, 1927.

THORA GENTRY, Night Supervisor, James Whitcomb Riley Hospital.

Graduate, Indiana University Training School for Nurses, 1939; B.S., Manchester College, 1932.

BETTY JUNE COLESTOCK, Night Supervisor, William H. Coleman Hospital.

Graduate, Indiana University Training School for Nurses, 1947.

ESTHER D. BURKHARDT, Assistant Night Supervisor, James Whitcomb Riley Hospital.

Graduate, Home Hospital (Lafayette, Ind.), 1929.

(Mrs.) ETHEL MULHOLLEN, Evening Supervisor, Robert W. Long Hospital.

Graduate, St. Joseph's Hospital School of Nursing (South Bend, Ind.), 1924.

(Mrs.) ANNA SHAFFSTALL, Evening Supervisor, William H. Coleman Hospital.

Graduate, Indiana University Training School for Nurses, 1920.

(Mrs.) LOLA MAE PILMAN, Assistant Evening Supervisor, William H. Coleman Hospital.

Graduate, Deaconess Hospital (Cincinnati, Ohio), 1932.

(Mrs.) RUTH CADY, Assistant Evening Supervisor, James Whitcomb Riley Hospital.

Graduate, Methodist Hospital School of Nursing (Peoria, Ill.), 1941.

LECTURERS

GEORGE SAMUEL BOND, A.B., M.D., Chairman, and Professor of Cardiology.

MAURICE BARRY, M.D., Resident in Neuro-psychiatry, Indianapolis General Hospital.

GEORGE M. BROTHER, M.D., Director, Bureau of Preventive Medicine, Indiana State Board of Health.

BERT EDWARD ELLIS, M.D., Clinical Professor of Otorhinolaryngology.

LESLIE WILLARD FREEMAN, Ph.D., M.D., Assistant Professor of Surgery, and Director of Surgical Experimental Laboratories.

GEORGE JOSEPH GARCEAU, A.B., M.D., Chairman, and Professor of Orthopaedic Surgery (Orthopaedist to the Riley Hospital).

JAMES HUBERT GOSMAN, M.D., Instructor in Dermatology and Syphilology.

CARL HABICH, M.D., Professor of Gynecology.

ROBERT F. HEIMBERGER, M.D., Assistant Professor of Surgery, and Director of the Section of Neurological Surgery.

CARL PARKER HUBER, A.M., M.D., Chairman, and Professor of Obstetrics and Gynecology.

MARGARET ISABELLE JACOB, M.S., Assistant Professor of Social Work.

RACHEL M. LEHMAN, B.S., Instructor in Medical Technology.

JAMES STANTON McBRIDE, M.D., Associate in Medicine.

MORTIMER MANN, M.D., Assistant Professor of Ophthalmology.

CARL D. MARTZ, A.B., M.D., Associate in Orthopaedic Surgery.

ROBERT JOHN MASTERS, M.D., Chairman, and Professor of Ophthalmology.

LYMAN THOMPSON MEIKS, A.B., M.D., Clinical Professor of Pediatrics.

MARY ALICE NORRIS, M.D., Assistant Professor of Ophthalmology.

HAROLD RAIDT, M.S., Assistant Professor of Microbiology.

HARRIS B. SHUMACKER, JR., A.M., M.D., Chairman, and Professor of Surgery.

(Mrs.) HAZEL HANSFORD STEVENS, Ph.D., Clinical Psychologist, Indiana University Medical Center.

DWAIN NEWTON WALCHER, M.D., Assistant Professor of Pediatrics.

JOHN HOWARD WATERMAN, A.B., M.D., Associate Professor of Psychiatry, and Director, Child Guidance Clinic.

RALPH CLEMENTS WILMORE, M.D., Instructor in Clinical Medicine.

MATTHEW WINTERS, A.M., M.D., Chairman, and Professor of Pediatrics.

WILLIAM NILES WISHARD, JR., A.B., M.D. *cum laude*, Assistant Professor of Genito-Urinary Surgery.

The Training School for Nurses

HISTORICAL BACKGROUND

THE Indiana University Training School for Nurses was established in June, 1914, as a part of the School of Medicine at Indianapolis. Instruction and experience were provided in the Robert W. Long Hospital, the only building on the Indianapolis campus at that time. The James Whitcomb Riley Hospital for Children was built in 1924 and the William H. Coleman Hospital for Women in 1927. There have been two additions to the Riley Hospital: the Kiwanis Unit in 1929 and the Rotary Convalescent Home, opened in 1931. A Research Unit for the Study of Children's Diseases is now under construction.

Ball Residence, the gift of Ball Brothers of Muncie, for the benefit of all the University Hospitals, was constructed in 1928, and the Ball Residence Annex was built in 1945.

The Training School, as a part of the School of Medicine on the Indianapolis campus, has enjoyed the benefits which are to be found in such an environment, including clinical experience, instruction by members of the Medical School Faculty, and the teaching atmosphere of such an institution.

PURPOSE

The aim of the School is to prepare for first-level positions in nursing those students who are technically skillful through scientific knowledge and practice and who possess the understandings and insight which make for social effectiveness.

To accomplish this aim the School purposes to select and admit young women who have an interest in and aptitude for nursing, and to provide instruction, experience, and guidance which will give them a sound background in the care of the sick, in the fundamentals of health education, and in community needs and resources. The Training School staff, always advocating a broad educational foundation, has fostered pre-nursing college preparation in order to provide the fundamentals of a liberal arts education, demonstrated in the establishment of the four-year degree program. The ultimate objective has ever been to promote personal and professional growth through the fostering of individual abilities and aptitudes.

ORGANIZATION OF COURSES

The Training School offers three courses of study to undergraduate students: a three-year program which leads to a diploma in Nursing, a four-year program which leads to a B.S. in Nursing degree, and a five-year, four-months program which leads to a diploma in Nursing and an A.B. degree.

In addition, the School provides opportunity for students from eleven affiliating schools of nursing to secure instruction and experience in pediatrics, obstetrics, and communicable diseases.

ACCREDITATION

The Training School is accredited by the Indiana State Board of Nurses' Registration and Nursing Education, and an accreditation by the National League of Nursing Education has been approved by the new National Nursing Accrediting Service.

FACILITIES

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

The Robert W. Long Hospital has facilities for 250 medical and surgical patients, out-patient clinics which care for an average of 100 patients daily, and the necessary operating rooms, X ray, and central supply departments to care for such patients.

The James Whitcomb Riley Hospital has 216 beds to accommodate children. Included are divisions for the care of those suffering from communicable diseases and orthopaedic conditions. The Rotary Convalescent Home accommodates 60 patients.

The William H. Coleman Hospital for women has facilities to care for 56 mothers and their babies and 12 additional beds for women.

The educational division in Ball Residence includes lecture halls, nursing arts, science and nutrition laboratories, with the equipment necessary to conduct a teaching program satisfactory to the standards of the School. There are comfortable living quarters for students and graduate nurses, including reception and recreation rooms, kitchenettes, laundries, gymnasium, and sun-deck.

The School Library, located in the Ball Annex, contains 2,500 volumes of reference material as well as a generous supply of fiction and current magazines, both professional and popular. A librarian is in charge. The facilities of the Medical School Library are also available to students of nursing.

GENERAL INFORMATION

Orientation Week. All applicants are required to spend an orientation period of one week at the Medical Center prior to acceptance. (For the degree programs this is placed just before the period of clinical experience.) The student lives in the nurses' residence, attends classes, tours the Medical Center campus, is given a physical examination, and takes the various tests to determine general aptitude for the profession. The final selection of students is made at the end of this week.

Health Service. A complete physical examination, including chest X ray, is given as part of the admission requirement to the School. These examinations are repeated annually and at such other times as may be indicated.

Medical care is provided by staff physicians through clinic consultation and hospitalization in an Infirmary located in Riley Hospital.

Time allowance for illness is granted up to fourteen days for the three-year period. Any additional loss must be made up before graduation.

Co-curricular Activities. The Alpha Chapter of Sigma Theta Tau, an honorary sorority, was established at the Indiana University Training School for Nurses in 1922. It is open to students who have completed one-half of a professional program leading to a baccalaureate degree, who are in the upper one-third of their class group, exhibit qualities of leadership, and possess desirable personal qualifications.

A Student-Faculty Government Organization exists for the purpose of encouraging self-government by students. It has the responsibility for citizenship in the Residence, social activities of the student groups, and general off-duty interests.

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

A mixed chorus is open to all students enrolled in the Training Schools and the Schools of Medicine and Dentistry. It provides special 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.

Counseling. A Director of Counseling and Student Affairs is in charge of the counseling program. Efforts are directed toward aiding the student in her adjustment to the environment of her chosen field and her attainment of personal goals. This is done through group and individual conferences and directed guidance. Each student is assigned to a Faculty member who acts as her adviser throughout her course.

Grades. The following grading system is used: A, B, C, D, E (conditioned), and F (failed).

Students are expected to maintain an average of C and to demonstrate a fitness for nursing. The Faculty reserves the right to require the withdrawal at any time of a student whose health, conduct, academic standing, or personality makes her continuing in the School inadvisable.

If a student fails in one subject she is required to repeat that subject only, provided her average for the term is not less than a C.

No second final examinations are permitted.

Fees and Expenses. The student receives full maintenance, including laundering of uniforms, during her residence on the Medical Center campus. Expenses will vary with the type of program and are listed under each.

Loan Fund. Students may apply for a loan from the Nightingale Loan Fund after they have completed the six months' intro-

ductory period. This fund was established and is maintained by the Indiana University Training School for Nurses Alumnae Association. Application for a loan is made to the Director of the School.

PROGRAMS AND PLANS OF INSTRUCTION

Diploma Program. This program is completed in three years.

Admission Requirements. EDUCATION. Graduation from high school with rank in the upper one-third of graduating class and successful completion of sixteen units of work in a commissioned high school or private school. Courses are to be distributed as follows:

- English, preferably four years
- Mathematics, two years—including one year of algebra
- Chemistry, one year
- Suggested electives: first aid, health education, home economics, Latin, physics, social science, speech, typing, zoology

AGE. Students entering the fall class must be eighteen years of age by November 1; those entering the spring class must be eighteen years of age by May 1.

ORIENTATION. All applicants are required to spend the aforementioned orientation period of one week at the Medical Center prior to acceptance. The final selection is made at the end of this week.

Expenses. The student receives full maintenance, including uniform laundering, during her three years in the School.

The approximate cost to the student for fees, books, uniforms, etc. for the three-year period is \$385, divided as follows:

FIRST YEAR			
<i>First Semester</i>		<i>Second Semester</i>	
Fee	\$ 25.50	Fee	\$ 25.50
Breakage deposit	5.00	*Books	10.00
State Registration fee	1.00	Uniforms, shoes, etc.	56.50
*Books	30.00		
Uniforms, shoes, etc.	75.00		\$ 92.00
	\$136.50		

SECOND YEAR			
<i>Third Semester</i>		<i>Fourth Semester</i>	
Fee	\$ 25.50	Fee	\$ 25.50
*Books	5.00	*Books	10.00
<i>American Journal of Nursing</i> (subscription)	3.00		\$ 35.50
	\$ 38.50		

THIRD YEAR			
<i>Fifth Semester</i>		<i>Sixth Semester</i>	
Fee	\$ 25.50	Fee	\$ 25.50
*Books	5.00	*Graduating Expenses	30.00
<i>American Journal of Nursing</i> (subscription)	3.00		\$ 55.50
	\$ 33.50	Public Health (elective)	\$ 15.00

* Cost subject to change.

Plan of Instruction. Classes are admitted in late August and, if so decided, in March.

The curriculum is divided into an introductory or preclinical period and a clinical period.

<i>First Year—</i>		<i>Clock Hours of Theory</i>	<i>Credit Hours</i>	<i>Hours of Clinical Experience</i>
Preclinical Term—				
D110.	Anatomy and Physiology	126	5	
D120.	Chemistry	72	3	
J200.	Microbiology	54	2	
D130.	Psychology	36	2	
D201.	Professional Adjustments I	18	1	
D220.	Introduction to General Nursing	180	6	100
M123.	Nutrition, Foods, and Cookery	54	2	
D160.	Drugs and Solutions	18	1	
B201.	Pharmacology and Therapeutics I ..	18	1	
D140.	First Aid and Emergency Nursing ..	18	1	
D240.	History of Nursing	18	1	
D150.	Sociology	18	1	
Second Semester—				<i>Weeks of Clinical Experience</i>
	Introduction to Medical Science	45		
	C200. Gross Pathology	18	1	
	C210. Clinical Pathology	27	1½	
M200, M210.	General Medicine and Medical Nursing I	63	3½	20-24 (in 3 years)
M220.	Medical Nursing II, Clinical Practice ..			
S200, S210.	General Surgery and Surgical Nursing I	63	3½	20-24 (in 3 years)
S220.	Surgical Nursing II, Clinical Practice ..			
M230.	Diet Therapy	36	2	6
M235.	Nutrition, Clinical Practice			
B202.	Pharmacology and Therapeutics II ..	18	1	
Second Year—				
First Semester—		<i>Clock Hours of Theory</i>	<i>Credit Hours</i>	<i>Weeks of Clinical Experience</i>
E310.	Eye and Eye Nursing	9	½	
E300.	Ear, Nose, and Throat Diseases and Nursing	9	½	
L300.	Urology	9	½	
G310.	Gynecology	9	½	
L310.	Orthopaedics	18	1	
N300.	Neurology and Nursing	18	1	
L320.	Genito-Urinary Disease Nursing	9	½	
G300, G320.	Obstetrics I and Obstetrical Nursing	36	2	
G330.	Obstetrics II, Clinical Practice		3½	16
Second Semester—				
M240, M330.	Communicable Diseases I and Nursing	36	2	8
K300, K310.	Pediatrics and Pediatric Nursing I	36	2	12
M350.	Tuberculosis and Nursing	9	1	
M310.	Veneral Diseases	9	1	
M300.	Dermatology	9	1	
S300.	Operating Room Technique	36	2	
S310.	Operating Room-Clinical Practice ..		2	8
Third Year—				
D400.	Social Problems in Nursing	18	1	
N400, N410.	Psychiatry I and Psychiatric Nursing	36	2	
D402.	Professional Adjustments II	36	2	
D230.	Nursing and Health Service in the Family	18	1	

An additional one and one-half hours per week in clinical teaching on the hospital units is provided for each service.

The preclinical period of twenty-six weeks includes both theoretical courses and practical application. It enables the student to become familiar with the campus and nursing activities and thus make an intelligent evaluation of her aptitude and interest. Upon its successful completion she receives the cap of the Training School.

The clinical period provides opportunity for theory and practice in the areas of medicine, surgery, obstetrics, pediatrics, and, for some students, public health.

Formal courses are taught by lecture, discussion, group and individual projects, and the use of such audio-visual aids as moving pictures, charts, slides, and laboratory projects. Clinical classes on the hospital units and at the bedside are considered an important phase of the program.

Efforts are directed toward giving the student an appreciation of total care and a concept of the patient as an individual. Emphasis is placed upon prevention of illness and community responsibility for an adequate health program.

A forty-four-hour week including classes is maintained and twelve weeks' vacation is granted during the total program. Seven holidays or the equivalent are also granted yearly.

Graduation and Registration. Students successfully completing the course are granted the diploma of the School and are eligible to take the examinations of the Indiana State Board of Nurses Registration.

They are prepared for first-level positions in the major fields of nursing.

Application. Application forms and information are secured from the office of the Director of Nursing, 1232 West Michigan Street, Indianapolis, Indiana.

Four-Year Degree Program. This is a new program leading to a B.S. in Nursing degree awarded by the College of Arts and Sciences of Indiana University. The student spends the first year on the Bloomington campus and three years at the Medical Center in Indianapolis, studying Adult Education Center courses during the second and third years.

Requirements. The student must qualify for admission to the Junior Division at Indiana University. After successfully pursuing a prescribed curriculum for one year (maintaining at least a C average) the student spends an orientation period of one week at the Medical Center to determine physical and personal qualifications for nursing. (See General Information.)

Expenses. The expenses of the first year are those of any first-year college student on the Bloomington campus, including maintenance, fees, textbooks. These vary from \$750 to \$1,000 according to the manner of living.

During the the three years at the Medical Center the student receives full maintenance and her stated expenses are similar to those for the diploma program with possible additional fees for affiliations and Adult Education Center courses. The total for the three years will be approximately \$500.

Plan of Instruction. After the first year of thirty-six calendar weeks on the Bloomington campus the student is in residence on the Medical Center campus (beginning about the third week in August) for the remainder of the program.

The first semester includes both theoretical courses and practical application which enable the student to become familiar with nursing activities and to make an intelligent evaluation of her aptitude and interest. Upon successful completion of this semester's work she receives the cap of the Training School.

The clinical period which follows provides opportunity for theory and practice in the areas of medicine, surgery, obstetrics, pediatrics, psychiatry, tuberculosis, and public health. When necessary, this experience will be provided through affiliation.

Formal courses are taught by lecture, discussion, projects, and the use of such audio-visual aids as moving pictures, charts, slides, and laboratory projects. Clinical classes on the hospital units and at the bedside are an important phase of the instruction.

Efforts are directed toward giving the student an appreciation of total care and a concept of the patient as an individual. Emphasis is placed upon the prevention of illness and community responsibility for an adequate health program.

A forty-four-hour week including classes is maintained and twelve weeks' vacation is granted during the three years. Seven holidays and the equivalent are also granted yearly.

Graduation and Registration. Upon successful completion of the course the student is eligible to take the examinations of the Indiana State Board of Nurses' Registration and is granted a B.S. degree in Nursing. She is prepared for first-level positions in the main fields of nursing—institutional, private duty, and public health. In addition, she has the cultural background of a college preparation and is eligible to pursue a specialty on a Master's level.

Application. Students interested in this program make application to the Director of Admissions, Indiana University, Bloomington, Indiana.

First Year—36 calendar weeks spent on the Bloomington Campus

First Semester—	<i>Credit Hours</i>
English W101 (101a). Elementary Composition I	2
Chemistry C101 (101a). A Descriptive Survey of Chemistry I	5
Sociology S161 (102a). Principles of Sociology	3
Home Economics H206 (106). Nutrition	2
English L101 (103a). Freshman Literature I	3
Physical Education	1
Second Semester—	
English W102 (101b). Elementary Composition II	2
Sociology S162 (102b). Society and the Individual	3
English L102 (103b). Freshman Literature II	3
Psychology P101 (101a). Introductory Psychology I ..	3
Select one:	
Chemistry C102 (101b). A Descriptive Survey of Chemistry II	5
OR	
Physics P100 (100). Descriptive Survey of Physics ..	5
OR	
Zoology Z103 (103). Animal Biology	5
Physical Education	1

Second, third, and fourth years at Medical Center—

First Semester—	Clock Hours	Credit Hours	Weeks of Clinical Practice
D201. Professional Adjustments I	18	1	
D210. Human Anatomy and Physiology	180	7	
D220. Introduction to General Nursing (including Drugs and Solutions) ..	180	6	
B201. Pharmacology and Therapeutics I ..	18	1	
M230. Diet Therapy	54	2	
M235. Nutrition-Clinical Practice		1½	6
Introduction to Medical Science	99		
J200. Microbiology	54	2	
C210. Clinical Pathology	27	1½	
C200. Gross Pathology	18	1	
Second Semester—			
M200, M210. General Medicine and Medical Nursing I	63	3½	
M220. Medical Nursing II, Clinical Practice		6	24 (in 3 years)
S200, S210. General Surgery and Surgical Nursing I	63	3½	
S220. Surgical Nursing II, Clinical Practice		6	24 (in 3 years)
B202. Pharmacology and Therapeutics II	18	1	
D230. Nursing and Health Service in the Family	18	1	
D240. History of Nursing	18	1	
Third Semester—			
E300. Ear, Nose, and Throat Diseases and Nursing	9	½	
E310. Eye and Eye Nursing	9	½	
G300, G320. Obstetrics I, and Obstetrical Nursing	54	3	
G330. Obstetrics II, Clinical Practice		3½	14
L300. Urology	9	½	
G310. Gynecology	9	½	
L310, L311. Orthopaedics and Orthopaedic Nursing	18	1	
L320. Genito-Urinary Disease Nursing	9	½	
N300. Neurology and Nursing	18	1	
M320. Out-Patient Clinical Practice		1½	6
English W103 (101c). Elementary Composition		2	
(Indianapolis Center)			
Fourth Semester—			
S300. Operating Room Technique	36	2	
S310. Operating Room-Clinical Practice ..		2	8
M240, M330. Communicable Diseases I and Nursing	36	2	
M340. Communicable Disease II, Clinical Practice		1	4
K300, K310. Pediatrics and Pediatric Nursing I	54	3	
K320. Pediatric Nursing II, Clinical Practice		3	16
M350. Tuberculosis and Nursing	9	½	
M360. Tuberculosis-Clinical Practice		2	8
M310. Venereal Diseases	9	½	
M300. Dermatology	9	½	
Fifth Semester—			
N400, N410. Psychiatry I, and Psychiatric Nursing	36	2	
N420. Psychiatry II, Clinical Practice		3	12
D400. Social Problems in Nursing	18	1	
D410. Rural, Hospital, Health Center, and Urban Nursing	18	1	
D420. Visiting Nursing-Clinical Practice ..		2	8
D402. Professional Adjustments II	36	2	
Sixth Semester—			
At Indianapolis Center:			
Philosophy P100 (100a). Introduction to Philosophy		3	
Psychology P102 (101b). Introductory Psychology II		3	
D440. Elective. Clinical Practice		3½	14

Five-Year, Four-Months Program. For students who wish a Bachelor of Arts degree, the College of Arts and Sciences offers a three-year program of pre-nursing work after which the student spends two years and four months in the Indiana University Training School for Nurses and receives at the end of the period the nurses' diploma and the A.B. degree.

All applicants must spend an orientation period of one week at the Medical Center before final acceptance in the Training School for Nurses. This is scheduled following the college preparation. (See Diploma Program.)

Information about this program can be obtained from the College of Arts and Sciences at Bloomington.

Courses of Instruction

B201-B202. Pharmacology and Therapeutics I-II.

The study of drugs, including the methods of administration, preparation, dosage, expected action, therapeutic uses, and toxicology.

C200. Introduction to Medical Science II: Gross Pathology.

A study of the gross changes which take place in the human body during disease. Emphasis is placed upon the etiology, manner of development, and progress of a pathological process.

C210. Introduction to Medical Science I: Clinical Pathology.

A course designed to teach the student to understand the relation of diagnosis and diagnostic procedures to the nursing care of the patient. Emphasis is placed on the functional knowledge of nursing procedures associated with diagnosis and the principles regarding clinical examination of body fluids.

D110. Anatomy and Physiology.

A course designed to give the students an understanding of the normal body structure and its functions. The selection of content has been made from the standpoint of developing physiological principles which the student requires for successful adjustment to nursing situations.

D120. Chemistry.

The content of this course includes content from the fields of general, organic, and physiological chemistry. An effort is made to apply a working knowledge of the principles of chemistry to nursing situations.

D130. Psychology (Applied).

A study of the fundamental principles of human behavior and their importance in the adaptation of the student to nursing.

D140. First Aid and Emergency Nursing.

A course designed to encourage the student to become safety conscious and to give her knowledge and skills which will enable her to meet emergency situations. An American Red Cross certificate is given on completion of the course.

D150. Sociology.

An introduction to the basic concepts of sociology and a study of some of the outstanding social problems as they relate to nursing.

D160. Drugs and Solutions.

A course which provides for review of arithmetic; principles and methods in computing dosages and drugs and content of solutions with practice in the preparation of solutions.

D201. Professional Adjustments I.

A course dealing with professional ethics and obligations. Emphasis is placed on professional conduct and the nurse's responsibility in maintaining the standards of her profession.

D210. Human Anatomy and Physiology.

A more detailed course than D110, it also is designed to give an understanding of normal body structure and functions. Laboratory periods put special stress upon physiological principles.

D220. Introduction to General Nursing.

A course offering the student an opportunity to learn and perfect routine nursing procedures and to enable her to adapt these procedures to clinical situations.

D230. Nursing and Health Service in the Family.

An introduction to the public health field through a survey of the various branches of public health services and a consideration of current developments in the field.

D240. History of Nursing.

A course designed to acquaint the student with her professional heritage and to build within her an appreciation for the social responsibilities which she inherits when she identifies herself with nursing as a profession.

D402. Professional Adjustments II.

A survey of the opportunities in the various fields of nursing, a study of professional organizations, and a consideration of the legal aspects of nursing. The course is designed to aid the Senior student in choosing a special field of work.

D400. Social Problems in Nursing.

A discussion of the methods used by social case-work agencies in relation to the problems met in nursing.

D410. Rural, Hospital, Health Center, and Urban Nursing.

A course presenting the newer concepts of over-all plans for community health, including the nurses's opportunities and responsibilities.

D420. Public Health Nursing. Elective.

A practical study of public health nursing. The student spends six weeks with the Visiting Nurse Association of Indianapolis, to get a first-hand view of the problems in public health and to become familiar with methods used by the public health nurse.

D440. Elective Clinical Practice in Nursing.

Available in the following fields: Medicine, Surgery, Psychiatry, Orthopaedics, Pediatrics, Obstetrics, Operation Room, and Communicable Diseases.

E300. Ear, Nose, and Throat, and Ear, Nose, and Throat Nursing.

A study of the etiology, symptoms, treatment, prognosis, and complications of the diseases of the ear, nose, and throat, with emphasis placed upon the nursing care of these patients.

E310. Eye and Eye Nursing.

A study of the etiology, symptoms, treatment, prognosis, and complications of the diseases of the eye, with emphasis placed upon the nursing care of eye patients.

G300. Obstetrics I.

A study of the normal and abnormal conditions of pregnancy, parturition, and the puerperium.

G310. Gynecology.

A study of the etiology, symptoms, treatment, prognosis, and complications of abnormal and disease conditions of the female reproductive tract.

G320. Obstetric Nursing.

A study of the nursing care given to the obstetric patient and the newborn. The course includes a study of the community aspects of maternal and infant health programs.

G330. Obstetrics II.

Clinical practice. Supervised practice in the care of mothers and babies, with experience in delivery rooms, nurseries, admitting room, and mothers' wards. Sixteen weeks.

J200. Microbiology.

A study of microorganisms and their relation to health and disease. Emphasis on the relation of microbiology to diagnosis, treatment, prevention of disease, and to nursing care. The student acquires an understanding of the principles and procedures involved in asepsis, disinfection, sterilization, and isolation as they relate to nursing care.

K300. Pediatrics.

Lectures which include growth and development of the normal child, and the symptoms, treatment, and prevention of diseases of infancy and childhood.

K310. Pediatric Nursing I.

A study of the principles of nursing care as applied to the sick child, and of the principles of guidance and habit formation.

K320. Pediatric Nursing II.

Clinical practice. Supervised experience in the care of children, including admitting room and clinics. Sixteen weeks.

L300. Urology.

A study of the etiology, symptoms, treatment, prognosis, and complications of the genito-urinary diseases.

L310. Orthopaedics.

Lectures planned to give the students an understanding of the etiology, symptoms, treatment, and prognosis of the more common orthopaedic disorders.

L311. Orthopaedic Nursing.

An introduction to the principles of posture and body mechanics as applied to all nursing and health teaching and a study of the nursing care of the orthopaedic patient.

L320. Genito-Urinary Disease Nursing.

A course, correlated with Gynecology and Urology, in which emphasis is placed on the nursing care of the patient with a genito-urinary disease.

M123. Nutrition, Foods, and Cookery.

A study of the essentials of normal nutrition, food composition, and the basic methods of food preparation.

M200. General Medicine.

A study, by systems, of the etiology, symptomatology, and treatment of general medical diseases.

M210. Medical Nursing I.

A course, correlated with General Medicine, in which emphasis is placed upon the nursing care of the medical patient.

M220. Medical Nursing II.

Clinical practice. Supervised practice in the care of medical patients, including dermatological conditions. Twenty to twenty-four weeks.

M230. Diet Therapy.

A course designed to give an understanding of the modification of the normal diet in treatment of specific diseases.

M235. Nutrition.

Clinical practice. Supervised practice in the planning and serving of diets to patients, including the computation of special diets. Experience in the preparation of infant formulas. Six weeks.

M240. Communicable Diseases I.

A study of the etiology, epidemiology, symptoms, treatment, and prevention of communicable diseases.

M300. Dermatology.

A study of the etiology, symptomatology, and treatment of skin diseases.

M310. Venereal Diseases.

A study of the etiology, symptomatology, treatment, and control of venereal diseases.

M320. Out-patient Clinical Practice.

Supervised practice in the medical and surgical out-patient clinics. Six weeks.

M330. Nursing in Communicable Diseases.

A course correlated with Communicable Diseases, in which emphasis is placed on the nursing care of patients with communicable diseases. The course includes a study of medical aseptic technique and immunity.

M340. Communicable Diseases II.

Clinical practice. Supervised practice in the care of patients with communicable diseases, including special isolation techniques. Four weeks.

M350. Tuberculosis, and Tuberculosis Nursing.

A study of the etiology, symptomatology, and treatment of tuberculosis; the nursing care of the patient with tuberculosis.

M360. Tuberculosis.

Clinical practice. Supervised practice in the care of tuberculosis patients. Eight weeks.

N300. Neurology and Neurological Nursing.

A study of the etiology, symptoms, treatment, prognosis, and complications of neurological diseases, with emphasis placed on the nursing care of the neurological patient.

N400. Psychiatry I.

A course which presents personality development, reaction patterns, and more common neuropsychiatric disorders.

N410. Psychiatric Nursing.

A presentation of nursing procedures employed in the care of the psychiatric patient.

N420. Psychiatry II.

Clinical practice. Supervised practice in the care of psychiatric patients at an affiliated institution. Twelve weeks.

S200. General Surgery.

A course including the various units of general surgery and the surgical treatment of diseases. Emphasis is placed on observation of the patient and on essential points related to the pre-operative and post-operative care of the patient.

S210. Surgical Nursing I.

A course, correlated with general surgery, in which emphasis is placed upon the nursing care of the surgical patient.

S220. Surgical Nursing II.

Clinical practice. Supervised practice in the care of surgical patients, including those with eye, ear, nose, and throat, gynecological, urological, and orthopaedic conditions. Twenty to twenty-four weeks.

S300. Operating Room Technique.

A study of the principles of sterilization, aseptic technique, and care of operating room equipment. The course includes practical experience in the operating room.

S310. Operating Room.

Clinical practice. Supervised practice in preparation for and assisting with surgical operations. Eight weeks.

The administrators of the Training School for Nurses reserve the right to make any changes in fees, curriculum, or general plan which changing circumstances make desirable or necessary.

