

THE
UNIVERSITY of MARYLAND
BULLETIN

Practical Nursing



1962 - 1963

The provisions of this publication are not to be regarded as an irrevocable contract between the student and the University of Maryland. The University reserves the right to change any provision or requirement at any time within the student's term of residence. The University further reserves the right at any time, to ask a student to withdraw when it considers such action to be in the best interests of the University.

School of Nursing

DIVISION OF
PRACTICAL NURSING

Catalog Series 1962-64

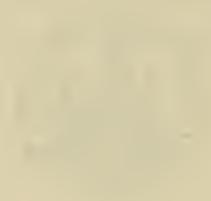


UNIVERSITY OF MARYLAND

WISCONSIN STATE UNIVERSITY

DEPARTMENT OF
ECONOMICS

STATE COLLEGE, WISCONSIN
1911



WISCONSIN STATE UNIVERSITY

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CALENDAR

DIVISION OF PRACTICAL NURSING

1962-1963

JANUARY 1962
1 New Year's Day—Holiday

APRIL
22 Easter—Holiday

MAY
30 Memorial Day—Holiday

JULY
4 Independence Day—Holiday

SEPTEMBER
3 Labor Day—Holiday
10 Registration
17 Commencement

NOVEMBER
22 Thanksgiving—Holiday

DECEMBER
25 Christmas—Holiday

JANUARY 1963
1 New Year's Day—Holiday

APRIL
14 Easter—Holiday

MAY
30 Memorial Day—Holiday

JULY
4 Independence Day—Holiday

SEPTEMBER
2 Labor Day—Holiday
9 Commencement
16 Registration

NOVEMBER
28 Thanksgiving—Holiday

DECEMBER
25 Christmas—Holiday

1963-1964

JANUARY 1964
1 New Year's Day—Holiday

MARCH
29 Easter—Holiday

MAY
30 Memorial Day—Holiday

JULY
4 Independence Day—Holiday

SEPTEMBER
7 Labor Day—Holiday
9 Registration
15 Commencement

NOVEMBER
25 Thanksgiving—Holiday

DECEMBER
25 Christmas—Holiday

BOARD OF REGENTS
and
MARYLAND STATE BOARD OF AGRICULTURE

	<i>Term Expires</i>
CHARLES P. McCORMICK <i>Chairman</i> ----- McCormick and Company, 414 Light Street, Baltimore 2	1966
EDWARD F. HOLTER <i>Vice-Chairman</i> ----- Farmers Home Administration, 103 South Gay Street, Baltimore 2	1968
B. HERBERT BROWN <i>Secretary</i> ----- The Baltimore Institute, 10 West Chase Street, Baltimore 1	1967
HARRY H. NUTTLE <i>Treasurer</i> ----- Denton	1966
LOUIS L. KAPLAN <i>Assistant Secretary</i> ----- 5800 Park Heights Avenue, Baltimore 15	1964
C. E. TUTTLE <i>Assistant Treasurer</i> ----- 907 Latrobe Building, Charles and Read Streets, Baltimore 2	1962
RICHARD W. CASE ----- Commercial Credit Building, Baltimore 2	1970
THOMAS W. PANGBORN ----- The Pangborn Corporation, Pangborn Blvd., Hagerstown	1965
THOMAS B. SYMONS ----- Suburban Trust Company, 6950 Carroll Avenue, Takoma Park	1963
WILLIAM C. WALSH ----- Liberty Trust Building, Cumberland	1968
MRS. JOHN L. WHITEHURST ----- 4101 Greenway, Baltimore 18	1967

Members of the Board are appointed by the Governor of the State for terms of seven years each, beginning the first Monday in June. Members may serve only two consecutive terms.

The President of the University of Maryland is, by law, Executive Officer of the Board.

The State law provides that the Board of Regents of the University of Maryland shall constitute the Maryland State Board of Agriculture.

OFFICERS OF ADMINISTRATION, SCHOOL OF NURSING

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R. LEE HORNBLAKE, B.S., M.A., Ph.D., *Vice-President for Academic Affairs*

FLORENCE M. GIPE, R.N., B.S., M.S., Ed.D., *Dean of the School*

WILFRED TOWNSHEND, M.D., *Director of Student Health*

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MRS. AGATHA GURINSKAS, R.N., *Assistant Instructor, Nursing Care of Children and Maternal Nursing*

MRS. STELLA K. LENNOX, R.N., *Assistant Instructor, Nursing Care in Psychiatry*

MISS ELEANOR M. HARRISON, R.N., *Assistant Instructor, Medical and Surgical Nursing*

MRS. RIDA RUTHERFORD, B.S., *Instructor in Nutrition and Diet Therapy (part-time)*

BETTY LOU LOCKAMY, *Senior Stenographer*

Practical Nursing Program

History

THE DIVISION OF PRACTICAL NURSING WAS AUTHORIZED by the Board of Regents of the University of Maryland in June, 1954, to be an integral part of the School of Nursing of the University of Maryland.

The Practical Nursing Program is established to provide qualified applicants an opportunity to gain knowledge, understanding and skill in nursing.

The first class was entered in the Division in November, 1954, and appropriate certificates were awarded in November, 1955. After that classes were entered in March and September of each year until 1960 when no March class was taken. At present, classes are admitted yearly in September.

Division of Practical Nursing

All Graduates from this program are eligible to take the examination for licensure given by the State Board of Examiners of Nurses in Maryland.

Accreditation

The Division of Practical Nursing in the School of Nursing of the University of Maryland is approved by the State Board of Examiners of Nurses, the State Board of Education and the United States Veterans' Administration. The School of Nursing, of which the Division of Practical Nursing is a part, is fully accredited by the National League for Nursing and the Middle States Association.

Scope of Program

It is generally understood that Licensed Practical Nurses are qualified to give nursing care to convalescent patients, to the chronically ill, the aged and to normal mothers and babies. When engaged in caring for acutely ill patients, Licensed Practical Nurses perform their duties under the supervision of Registered Nurses and/or Licensed Physicians. This program follows the above philosophy.

Facilities for Instruction

Offices for the administrative and instructional staffs of the Division are on the third floor of Whitehurst Hall at 624 West Lombard Street, in Baltimore. Classrooms are shared with other educational programs in the University.

AREAS FOR CLINICAL INSTRUCTION

Since most of the teaching is done at the bedside of the patient, the rich clinical areas of the University Hospital afford the necessary opportunities for this instruction. The Out-Patient departments and the Psychiatric Institute of the Hospital are also teaching areas for these students. Recently an association has been effected with the Baltimore City Hospitals where the students may learn the modern techniques of nursing aged and chronically ill patients.

LIBRARY FACILITIES

Students find extensive library services in the new Health Sciences Library on the Baltimore Campus and the public libraries of the City of

University of Maryland

Baltimore. Limited reference materials are obtainable in the Division of Practical Nursing.

Length of Program

The program is concluded within one calendar year, with two weeks vacation allowed. Students are in attendance on a forty-hour week, that is, five days of eight hours each.

TIME OF ADMISSION

Classes enter the Division on a date near the middle of September each year, at which time they register formally for admission to the Division.

Admission Requirements

The Division admits American citizens and those of foreign birth who hold their first naturalization papers, without regard to race or religion. Selection of students is made within a wide age range (18-50) depending upon physical fitness and a preliminary psychometric test score. Recommendations as to moral character must accompany applications. A High School Diploma or Equivalence Certificate is required.

APPLICATION PROCEDURE

Application forms are provided, as are medical forms to be executed by the applicant's personal physician. A preliminary psychometric test is given and the applicant is interviewed by a member of the staff. High School graduates must file transcripts of their high school records. (Six dollars is charged for the preliminary test.)

Fees and Expenses

All fees are dues and payable at the time of registration. Checks and money orders should be made payable to the University of Maryland.

The University reserves the right to make changes in fees and other expenses as may be necessary, although every effort is made to keep the cost to the student at a minimum.

No certificate or transcript will be issued to a student who has not made satisfactory settlement of his account.

Division of Practical Nursing

The expenses of the Program are:*

Preliminary test	\$ 6.00	
4 Uniforms and 2 Caps	42.25	(Checks for uniforms should
Health fee	10.00	be made payable to
Laboratory fee	50.00	"Bruck's")
Graduation fee	10.00	
Student Activities fee	5.00	(to be paid one month
		before graduation)
Total	<hr/> \$123.25	

Scholastic Regulations

The standing of a student is recorded as A, B, C, D, passing; F, failure; in the descending order of excellence.

Withdrawal of a student may be required if the standard of performance is not consistent with acceptable progress.

Absences because of illness will not be excused in excess of seven days in the year. Students are required to be regular in their attendance and prompt in reporting for their classes and clinical assignments.

Living Arrangements

Students in this Division live away from the campus. Where this may work a hardship on the student, application may be made for a room in the Women's Dormitory on the campus. Application for accommodations must be made through the office of the Associate Dean of Women, 624 W. Lombard Street, Baltimore 1, Maryland.

Laundry

The hospital will launder uniforms for students as needed. Uniforms and an individual laundry bag provided by the student must be plainly marked with the student's name in indelible ink.

Lockers and locker rooms are provided.

Student Health and Welfare

The students health office is located on the second floor, Out-Patient Department.

* A special fee will be required from trainees who desire the use of the Union Building.

University of Maryland

The physician in charge reviews and approves or disapproves the medical record which is a part of the application.

Upon entrance to the program each student is given a complete check-up in the Student Health Office.

Although emergency care is provided, students are expected to carry Blue Cross or a similar Health Insurance plan. Students desiring to enroll in the Blue Cross group at the University of Maryland will pay the required fee at registration.

Students of this program are not given instruction in the administration of intravenous medication, nor any injections of medications which fall in the following categories: narcotics, ocytotics, anti-coagulants, hypotensives, antineoplastics or steroids.

Curriculum

Central Objective

The central objective of the curriculum of the Division of Practical Nursing is to provide educational experiences whereby selected individuals can be prepared to render safe and competent care as Licensed Practical Nurses.

Contributory Objectives

1. To learn to understand one's self and the role one plays in a democratic social order.
2. To understand the role of the Licensed Practical Nurse as a member of the health team.
3. To know the basic health needs of individuals, groups and communities.
4. To attain practical knowledge of the structure and functions of the body.
5. To become skillful in specific nursing procedures, including aseptic techniques.
6. To see the importance of the environment in the promotion of health.
7. To recognize certain factors which cause disease and approved methods of preventing disease.
8. To identify the requirements of patients in the different age spans and the adjustments which must be made in the modes of living at different ages.
9. To attain an understanding of variations in the behavior patterns of individuals and the role mental health plays in daily living.
10. To study economics as related to home planning for food, laundry and household necessities and to personal financial security.

11. To promote respect for the influence of religion and culture in the maintenance of health.
12. To view nursing with an understanding of the legal and professional aspects pertaining and to honor the ethical relationships between doctors, nurses, patients and the public.
13. To acquire competence in the administration of selected medications and the ability to interpret common danger signs.
14. To develop skill in communications and the ability to interpret the needs of the patient and his family.
15. To search for increasing knowledge through the literature of nursing, as in professional publications and other sources of information.

Course Offerings

BASIC PRINCIPLES OF NURSING

Hours

Introduction to Nursing, including legal aspects.....	16
Structure and Functions of the Human Body.....	36
Living Organisms	16
Dosage and the Administration of Medications.....	60
Nursing Care Skills in the activities of daily living.....	80
Nursing of patients with medical and surgical conditions.....	150
Nursing of the maternity patient, the newborn and children.....	80
Nursing as applied to the rehabilitation of patients.....	Integrated
Nursing of patients under psychiatric care.....	56
Nursing Care of convalescent patients, the cronicly ill and the aged	30
The Care of individual patients (Private Duty)	14
Principles of Nutrition and Diet Therapy.....	30
Hospital and Home Economics and Care of Equipment.....	10
First Aid (American Red Cross).....	10
Mental Health and Nutrition are fused throughout the program	
Total.....	588

SUPERVISED EXPERIENCES IN CLINICAL AREAS*

Medical and Surgical Department.....	12 weeks
plus 14 weeks at beginning of program.....	14 weeks
Obstetric and Pediatric Department.....	12 weeks
Private Patient Area	4 weeks
Psychiatric Institute	4 weeks
Baltimore City Hospitals (the chronically ill and aged).....	4 weeks
Vacation	2 weeks

* A minimum amount of afternoon and night duty will be assigned during the year, under careful planning and supervision.

THE UNIVERSITY is the rear guard and the advance agent of society. It lives in the past, the present and the future. It is the storehouse of knowledge; it draws upon this depository to throw light upon the present; it prepares people to live and make a living in the world of today; and it should take the lead in expanding the intellectual horizons and the scientific frontiers, thus helping mankind to go forward—always toward the promise of a better tomorrow.

From "The State and the University"
the inaugural address of
President Wilson H. Elkins,
January 20, 1955,
College Park, Maryland.



P. 4

Library Office

THE

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BULLETIN



School of Nursing

1963-1964

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From "The State and the University"
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CATALOG OF THE
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NURSING
1963-1964

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UNIVERSITY CALENDAR, 1963-64

Fall Semester 1963

September 16-20	Monday-Friday	Fall Semester Registration
September 23	Monday	Instruction Begins
November 27	Wednesday	Thanksgiving Recess Begins After Last Class
December 1	Monday	Thanksgiving Recess Ends 8 a.m.
December 20	Friday	Christmas Recess Begins After Last Class

1964

January 6	Monday	Christmas Recess Ends 8 a.m.
January 22	Wednesday	Pre-Examination Study Day
January 23-30	Thursday-Wednesday inclusive	Fall Semester Examinations

Spring Semester

February 3-7	Monday-Friday	Spring Semester Registration
February 10	Monday	Instruction Begins
February 22	Saturday	Washington's Birthday, Holiday
March 25	Wednesday	Maryland Day, No Holiday
March 26	Thursday	Easter Recess Begins After Last Class
March 31	Tuesday	Easter Recess Ends, 8 a.m.
May 13	Wednesday	AFROTC Day
May 28	Thursday	Pre-Examination Study Day
May 29-June 5	Friday-Friday	Spring Semester Examinations
May 30	Saturday	Memorial Day, Holiday
May 31	Sunday	Baccalaureate Exercises
June 6	Saturday	Commencement Exercises

Summer Session 1964

June 22	Monday	Summer Session Registration
June 23	Tuesday	Summer Session Begins
July 4	Saturday	Independence Day, Holiday
August 14	Friday	Summer Session Ends

Short Course 1964

June 15-19	Monday-Saturday	Rural Women's Short Course
August 3-7	Monday-Saturday	4-H Club Week
September 8-11	Tuesday-Friday	Firemen's Short Course

UNIVERSITY CALENDAR, 1964-65

(Tentative)

Fall Semester 1964

September 14-18	Monday-Friday	Fall Semester Registration
September 21	Monday	Instruction Begins
November 25	Wednesday	Thanksgiving Recess Begins After Last Class
November 30	Monday	Thanksgiving Recess Ends 8 a.m.
December 22	Tuesday	Christmas Recess Begins After Last Class

1965

January 4	Monday	Christmas Recess Ends 8 a.m.
January 20	Wednesday	Pre-Examination Study Day
January 21-27	Thursday-Wednesday	Fall Semester Examinations

Spring Semester

February 2-5	Tuesday-Friday	Spring Semester Registration
February 8	Monday	Instruction Begins
February 22	Monday	Washington's Birthday, Holiday
March 25	Thursday	Maryland Day, no holiday
April 15	Tuesday	Easter Recess Begins After Last Class
April 20	Thursday	Easter Recess Ends 8 a.m.
May 12	Wednesday	AFROTC Day
May 27	Thursday	Pre-Examination Study Day
May 28-June 4	Friday-Friday	Spring Semester Examinations
May 30	Sunday	Baccalaureate Exercises
May 31	Monday	Memorial Day, Holiday
June 5	Saturday	Commencement Exercises

Summer Session

June 21	Monday	Summer Session Registration
June 22	Tuesday	Summer Session Begins
July 5	Monday	Independence Day, Holiday
August 13	Friday	Summer Session Ends

Short Courses

June 14-18	Monday-Friday	Rural Women's Short Course
August 2-6	Monday-Friday	4-H Club Week
September 7-10	Tuesday-Friday	Fireman's Short Course

UNIVERSITY CALENDAR, 1963-64

Baltimore Division

Summer Session 1963

July 4	Thursday	Independence Day—Holiday
July 5	Friday	Registration—Junior Students
July 8	Monday	Instruction Begins—Junior Students
July 29	Monday	Vacation Begins—Senior Students

Fall Semester

August 12	Monday	Instruction Begins—Junior Students
August 23	Friday	Vacation Ends—Senior Students
August 26	Monday	Instruction Begins—Senior Students
September 2	Monday	Labor Day—Holiday
September 3	Tuesday	Registration—Senior Students
November 27	Wednesday	Thanksgiving Recess Begins After Last Class
December 2	Monday	Thanksgiving Recess Ends 8 a.m.
December 20	Friday	Christmas Recess Begins After Last Class

1964

January 6	Monday	Christmas Recess Ends 8 a.m.
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Spring Semester

February 5-6	Wednesday-Thursday	Registration—Junior and Senior Students
February 22	Saturday	Washington's Birthday—Holiday
March 27	Thursday	Easter Recess Begins After Last Class
March 31	Tuesday	Easter Recess Ends 8 a.m.
May 30	Saturday	Memorial Day—Holiday
May 31	Sunday	Baccalaureate Exercises
June 6	Saturday	Commencement Exercises

Summer Session

July 4	Saturday	Independence Day—Holiday
July 6	Monday	Registration—Junior Students
July 7	Tuesday	Instruction Begins—Junior Students

Board of Regents

and

Maryland State Board of Agriculture

CHAIRMAN

CHARLES P. McCORMICK

McCormick and Company, Inc., 414 Light Street, Baltimore 21202

VICE-CHAIRMAN

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Farmers Home Administration, 103 South Gay Street, Baltimore 21202

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The Baltimore Institute, 10 West Chase Street, Baltimore 21201

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Denton, 21629

ASSISTANT SECRETARY

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The Baltimore Hebrew College, 5800 Park Heights Ave., Baltimore 21215

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RICHARD W. CASE

*Smith, Somerville and Case, 1 Charles Center—17th Floor,
Baltimore 21201*

DR. WILLIAM B. LONG

Medical Center, Salisbury, 21801

THOMAS W. PANGBORN

The Pangborn Corporation, Pangborn Bldg., Hagerstown, 21740

THOMAS B. SYMONS

Suburban Trust Company, 6950 Carroll Avenue, Takoma Park, 20012

WILLIAM C. WALSH

Liberty Trust Building, Cumberland, 21501

MRS. JOHN L. WHITEHURST

4101 Greenway, Baltimore, 21218

OFFICERS OF THE UNIVERSITY

Principal Administrative Officers

WILSON H. ELKINS, *President*

B.A., University of Texas, 1932; M.A., 1932; B.Litt., Oxford University, 1936; D.Phil., 1936.

ALBIN O. KUHN, *Executive Vice President*

B.S., University of Maryland, 1938; M.S., 1939; Ph.D., 1948.

R. LEE HORNBAKE, *Vice President for Academic Affairs*

B.S., California State College, Pa., 1934; M.A., Ohio State University, 1936; Ph.D., 1942.

FRANK L. BENTZ, JR., *Assistant to the President*

B.S., University of Maryland, 1942; Ph.D., 1952.

ALVIN E. CORMENY, *Assistant to the President, in Charge of Endowment and Development*

B.A., Illinois College, 1933; LL.B., Cornell University, 1936.

Emeriti

HARRY C. BYRD, *President Emeritus*

B.S., University of Maryland, 1908; LL.D., Washington College, 1936; LL.D., Dickinson College, 1938; D.Sc., Western Maryland College, 1938.

ADELE H. STAMP, *Dean of Women Emerita*

B.A., Tulane University, 1921; M.A., University of Maryland, 1924.

Administrative Officers of the Schools and Colleges

EDWARD W. AITON, *Director, Agricultural Extension Service*

B.S., University of Minnesota, 1933; M.S., 1940; Ed.D., University of Maryland, 1956.

VERNON E. ANDERSON, *Dean of the College of Education*

B.S., University of Minnesota, 1930; M.A., 1936; Ph.D., University of Colorado, 1942.

RONALD BAMFORD, *Dean of the Graduate School*

B.S., University of Connecticut, 1924; M.S., University of Vermont, 1926; Ph.D., Columbia University, 1931.

GORDON M. CAIRNS, *Dean of Agriculture*

B.S., Cornell University, 1936; M.S., 1938; Ph.D., 1940.

WILLIAM P. CUNNINGHAM, *Dean of the School of Law*

A.B., Harvard College, 1944; LL.B., Harvard Law School, 1948.

RAY W. EHRENSBERGER, *Dean of University College*

B.A., Wabash College, 1929; M.A., Butler University, 1930; Ph.D., Syracuse University, 1937

NOEL E. FOSS, *Dean of the School of Pharmacy*

Ph.C., South Dakota State College, 1929; B.S., 1929; M.S., University of Maryland, 1932; Ph.D., 1933.

LESTER M. FRALEY, *Dean of the College of Physical Education, Recreation, and Health.*

B.A., Randolph-Macon College, 1928; M.A., 1937; Ph.D., Peabody College, 1939.

FLORENCE M. GIPE, *Dean of the School of Nursing*

B.S., Catholic University of America, 1937; M.S., University of Pennsylvania, 1940; Ed.D., University of Maryland, 1952.

LADISLAUS F. GRAPSKI, *Director of the University Hospital*

R.N., Mills School of Nursing, Bellevue Hospital, New York, 1938; B.S., University of Denver, 1942; M.B.A., in Hospital Administration, University of Chicago, 1943.

IRVIN C. HAUT, *Director, Agricultural Experiment Station*

B.S., University of Idaho, 1928; M.S., State College of Washington, 1930; Ph.D., University of Maryland, 1933.

VERL S. LEWIS, *Dean of the School of Social Work*

A.B., Huron College, 1933; M.A., University of Chicago, 1939; D.S.W., Western Reserve University, 1954.

SELMA F. LIPPEATT, *Dean of the College of Home Economics*

B.S., Arkansas State Teachers College, 1938; M.S., University of Tennessee, 1945; Ph.D., Pennsylvania State University, 1953.

CHARLES MANNING, *Acting Dean of the College of Arts and Sciences*

B.S., Tufts College, 1929; M.A., Harvard University, 1931; Ph.D., University of North Carolina, 1950.

FREDERIC T. MAVIS, *Dean of the College of Engineering*

B.S., University of Illinois, 1922; M.S., 1926; C.E., 1932; Ph.D., 1935.

DONALD W. O'CONNELL, *Dean of the College of Business and Public Administration*

B.A., Columbia University, 1937; M.A., 1938; Ph.D., 1953.

JOHN J. SALLEY, *Dean of the School of Dentistry*

D.D.S., Medical College of Virginia, 1947; Ph.D., University of Rochester School of Medicine and Dentistry, 1954.

WILLIAM S. STONE, *Dean of the School of Medicine and Director of Medical Education and Research*

B.S., University of Idaho, 1924; M.S., 1925; M.D., University of Louisville, 1929; Ph.D. (Hon.), University of Louisville, 1946.

General Administrative Officers

G. WATSON ALGIRE, *Director of Admissions and Registrations*

B.A., University of Maryland, 1930; M.S., 1931.

B. JAMES BORRESON, *Executive Dean for Student Life*

B.A., University of Minnesota, 1944.

C. WILBUR CISSEL, *Director of Finance and Business*

B.A., University of Maryland, 1932; M.A., 1934; C.P.A., 1939.

HELEN E. CLARKE, *Dean of Women*

B.S., University of Michigan, 1943; M.A., University of Illinois, 1951; Ed.D., Teachers College, Columbia University, 1960.

- WILLIAM W. COBEY, *Director of Athletics*
A.B., University of Maryland, 1930.
- L. EUGENE CRONIN, *Director of Natural Resources Institute*
A.B., Western Maryland College, 1938; M.S., University of Maryland, 1943;
Ph.D., 1946.
- LESTER M. DYKE, *Director of Student Health Service*
B.S., University of Iowa, 1936; M.D., University of Iowa, 1926.
- GEARY F. EPPLEY, *Dean of Men*
B.S., Maryland State College, 1920; M.S., University of Maryland, 1926.
- HARRY D. FISHER, *Comptroller and Budget Officer*
B.S., University of Maryland, 1943; C.P.A., 1948.
- GEORGE W. FOGG, *Director of Personnel*
B.A., University of Maryland, 1926; M.A., 1928.
- ROBERT J. MCCARTNEY, *Director of University Relations*
B.A., University of Massachusetts, 1941.
- GEORGE W. MORRISON, *Associate Director and Supervising Engineer,
Physical Plant (Baltimore)*
B.S., University of Maryland, 1927; E.E., 1931.
- VERNON H. REEVES, *Professor of Air Science and Head, Department of Air
Science*
B.A., Arizona State College, 1936; M.A., Columbia University, 1949.
- WERNER C. RHEINBOLDT, *Director, Computer Science Center*
Dipl. Math., University of Heidelberg, 1962; Dr. Per. Nat., University of Freiburg,
1955.
- HOWARD ROVELSTAD, *Director of Libraries*
B.A., University of Illinois, 1936; M.A., 1937; B.S.L.S., Columbia University, 1940.
- CLODUS R. SMITH, *Director of the Summer Session*
B.S., Oklahoma State University, 1950; M.S., 1955; Ed.D., Cornell University,
1960.
- GEORGE O. WEBER, *Director and Supervising Engineer, Department of Physical
Plant.*
B.S., University of Maryland, 1933.

Division Chairmen

- JOHN E. FABER, JR., *Chairman of the Division of Biological Sciences*
B.S., University of Maryland, 1926; M.S., 1927; Ph.D., 1937.
- HAROLD C. HOFFSOMMER, *Chairman of the Division of Social Sciences*
B.S., Northwestern University, 1921; M.A., 1923; Ph.D., Cornell University, 1929.
- CHARLES E. WHITE, *Chairman of the Lower Division*
B.S., University of Maryland, 1923; M.S., 1924; Ph.D., 1926.

CHAIRMEN, STANDING COMMITTEES, FACULTY SENATE

GENERAL COMMITTEE ON EDUCATIONAL POLICY

Monroe H. Martin (Arts and Sciences), Chairman

GENERAL COMMITTEE ON STUDENT LIFE AND WELFARE

Clarence A. Newell (Education), Chairman

COMMITTEE ON ADMISSIONS AND SCHOLASTIC STANDING

Russell B. Allen (Engineering), Chairman

COMMITTEE ON INSTRUCTIONAL PROCEDURES

Thomas G. Andrews (Arts and Sciences), Chairman

COMMITTEE ON SCHEDULING AND REGISTRATION

Richard H. Byrne (Education), Chairman

COMMITTEE ON PROGRAMS, CURRICULA, AND COURSES

V. R. Cardozier (Agriculture), Chairman

COMMITTEE ON FACULTY RESEARCH

James A. Hummel (Arts and Sciences), Chairman

COMMITTEE ON PUBLIC FUNCTIONS AND COMMENCEMENTS

Donald W. O'Connell (Business and Public Administration), Chairman

COMMITTEE ON LIBRARIES

Walter E. Schlaretzki (Arts and Sciences), Chairman

COMMITTEE ON UNIVERSITY PUBLICATIONS

Mark Keeny (Agriculture), Chairman

COMMITTEE ON INTERCOLLEGIATE COMPETITION

Robert B. Beckmann (Engineering), Chairman

COMMITTEE ON PROFESSIONAL ETHICS, ACADEMIC FREEDOM AND TENURE

George Anastos (Arts and Sciences), Chairman

COMMITTEE ON APPOINTMENTS, PROMOTIONS, AND SALARIES

Stanley B. Jackson (Arts and Sciences), Chairman

COMMITTEE ON FACULTY LIFE AND WELFARE

John M. Brumbaugh (Law), Chairman

COMMITTEE ON MEMBERSHIP AND REPRESENTATION

Noel E. Foss (Pharmacy), Chairman

COMMITTEE ON COUNSELING OF STUDENTS

Mary K. Carl (Nursing), Chairman

COMMITTEE ON THE FUTURE OF THE UNIVERSITY

Homer Ulrich (Arts and Sciences), Chairman

*Adjunct Committees of the General Committee of Student
Life and Welfare*

STUDENT ACTIVITIES

Gayle S. Smith (Arts and Sciences), Chairman

FINANCIAL AIDS AND SELF-HELP

A. B. Hamilton (Agriculture), Chairman

STUDENT PUBLICATIONS AND COMMUNICATIONS

George F. Batka (Arts and Sciences), Chairman

RELIGIOUS LIFE

Bryce Jordan (Arts and Sciences), Chairman

STUDENT HEALTH AND SAFETY

Ellen Harvey (Physical Education), Chairman

STUDENT DISCIPLINE

J. Allan Cook (Business and Public Administration), Chairman

BALTIMORE CAMPUS, STUDENT AFFAIRS

Calvin Gaver (Dentistry), Chairman

THE SCHOOL

The School of Nursing of the University of Maryland offers both general and fundamental education for students who wish to prepare for professional work in the broad field of nursing activities.

The School meets the needs of the following groups of students: (1) high school graduates who desire to prepare themselves to become practitioners of professional nursing in hospitals and public health agencies; (2) registered nurses who have completed a three-year nursing program and who desire to bring up to full collegiate level their basic nursing preparation; (3) graduate students who desire to prepare as teachers in schools of nursing, as supervisors in nursing service in specific clinical divisions and administrators in nursing.

The degrees include Bachelor of Science degree in Nursing which is awarded upon the successful completion of the basic professional program and the program for registered nurses, and the degree of Master of Science which is awarded upon completion of the graduate program. The degree of Master of Science with a major in Nursing is awarded by the Graduate School of the University.

HISTORY

The University of Maryland School of Nursing, the second school of nursing to be founded in Maryland, was organized in December, 1889 by Louisa Parsons, a student of Florence Nightingale and a graduate of St. Thomas Hospital School of London, England. Because of her keen interest in Miss Parsons' new American School, Miss Nightingale designed for the students in this new school the Nightingale cap which is still proudly worn by graduates of the University of Maryland School of Nursing.

In 1902 the original two year curriculum was extended to three years. For more than a generation, graduates of this growing School have served in the community, founded nursing schools in Maryland and other states, and participated in professional organizations on a national and local level. In World Wars I and II, graduates of the School served on foreign soil with the Medical Units of the University of Maryland. Again during the Korean War, University of Maryland nurses answered the call to service by ministering to the sick and wounded in the Orient. In 1920 the School of Nursing became a separate unit of the University, although it continued to be administered as a hospital school.

In 1926 the University of Maryland instituted a five year combined academic and nursing program. The establishment of this type of nursing

GENERAL INFORMATION

program was in keeping with the trends in nursing education at that time. After completing two years of academic work in the College of Arts and Sciences and three years in the School of Nursing, the student received the Bachelor of Science degree and the diploma of Graduate in Nursing.

In May, 1952 a four year program was instituted, a Dean of the School of Nursing was appointed and the members of the faculty were accorded academic status. By this action the School of Nursing became a college in the University offering a curriculum leading to the degree of Bachelor of Science in Nursing.

The growing needs of the southern region promulgated an interstate pact which was ratified by the legislatures of Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia. The University of Maryland School of Nursing was chosen, as one of the six universities, by the Southern Regional Education Board to institute a graduate program in nursing.

The School of Nursing became a department of the Graduate School of the University of Maryland in March, 1954. Graduate programs in maternal and child nursing, medical-surgical nursing, psychiatric nursing, and nursing administration are currently being offered.

MEMBERSHIP AND ACCREDITATION

The University of Maryland, which includes the School of Nursing with all of the other schools and colleges of the University, is a member of the Association of American Colleges and is accredited by the Middle States Association of Colleges and Secondary Schools.

All programs of the School of Nursing, including Public Health Nursing, are accredited by the National League for Nursing.

The School of Nursing is an agency member of the Department of Baccalaureate and Higher Degree Programs of the National League for Nursing.

Members of the graduating class who qualify may be elected to Phi Kappa Phi, a national honor fraternity and Mortar Board, the national fraternity for women. Qualified students in nursing are also eligible for membership in the Pi Chapter of Sigma Theta Tau, a national honor society of nursing.

FACILITIES FOR INSTRUCTION

The School of Nursing is located in Whitehurst Hall at 624 W. Lombard Street, Baltimore.

Facilities for instruction used by the School of Nursing include: the various colleges of the University of Maryland at College Park and the professional schools of Dentistry, Law, Medicine, Pharmacy and Social Work on Baltimore campus. The facilities of the University College on the Baltimore Campus are also utilized by the School of Nursing.

In addition to the above, the School of Nursing utilizes the facilities of the University and many accredited schools of nursing and hospitals in the community for resident experience and training.

UNIVERSITY OF MARYLAND HOSPITAL: This general hospital has a 659 bed and 70 bassinet capacity which provides medical, surgical, pediatric, gynecological, obstetrical and psychiatric services. In the Ambulatory Services Department an average of 12,500 patients are treated in the clinics and 3,300 patients are treated in the Emergency Room each month. The Hospital is fully approved by the Joint Commission on Accreditation.

UNIVERSITY OF MARYLAND NURSERY SCHOOL AND KINDERGARTEN: Operated by University of Maryland on College Park campus to provide for student training and practical experience in childhood education and child care.

BALTIMORE CITY HEALTH DEPARTMENT: An agency which provides health teaching and nursing care of patients in their homes, in clinics, and in schools in Baltimore City.

MARYLAND STATE HEALTH DEPARTMENT: An agency which provides health teaching and nursing in homes, communities, clinics and schools throughout the state of Maryland.

STATE DEPARTMENT OF MENTAL HYGIENE: Spring Grove State Hospital with a bed capacity of 2800 and Springfield State Hospital with a bed capacity of 2900 for the treatment of patients with mental illness.

MONTEBELLO STATE HOSPITAL: A State rehabilitation center consisting of a 500 bed hospital with a staff, equipment and facilities available for optimum rehabilitation.

BALTIMORE CITY HOSPITALS: Tuberculosis Division. A municipal hospital with a bed capacity of 350 for the treatment of patients with

GENERAL INFORMATION

tuberculosis. The institution serves as a teaching center for the medical schools of the University of Maryland and Johns Hopkins University.

THE CHILDREN'S GUILD: A therapeutic nursery-kindergarten and parent counseling service.

LIBRARIES: Libraries are located at both the College Park and Baltimore divisions of the University. The University library system supplements its reference service through Inter-Library Loan.

On the College Park campus adequate services are provided by the McKeldin Library which provides reading rooms to accommodate two thousand students.

The University at College Park is located within a short distance of the nation's capital thus making available the facilities of the Library of Congress, Department of Health, Education and Welfare, the U. S. Public Health Service, the Office of Education and other federal agencies.

On the Baltimore campus a new Health Sciences Library provides adequately for general and professional education. The library contains 90,000 volumes in the health sciences. It provides spacious and modern library facilities for the Schools of Nursing, Medicine, Dentistry, Pharmacy, and Social Work.

Additional facilities are provided at the main branch of the Enoch Pratt Library, which comprises the public library system of the City of Baltimore; the Peabody Library, a large reference collection; and the Maryland Historical Society Library.

FOR ADDITIONAL INFORMATION

The administrative office of the School of Nursing is located on the Baltimore Campus in Whitehurst Hall, 624 W. Lombard St. In addition, an office is maintained on the College Park Campus (Journalism Bldg.) for coordination of the program.

Detailed information concerning fees and expenses, scholarships and awards, student life, and other material of a general nature, may be found in the University publication titled *An Adventure in Learning*. This publication may be obtained on request from the Catalog Mailing Room, North Administration Building, University of Maryland at College Park. A detailed explanation of the regulation of student and academic life, may be found in the University publication titled, *University General and Academic Regulations*. This is mailed in September of each year to all undergraduate students, and again in February to all new undergraduate students not previously enrolled in the preceding semester.

Requests for a School of Nursing catalog should be addressed to the Dean of the School of Nursing as follows:

School of Nursing
 University of Maryland
 624 W. Lombard St.
 Baltimore 1, Maryland
 or
 School of Nursing
 University of Maryland
 Journalism Bldg. Room 303
 College Park, Maryland

REQUIREMENTS FOR ADMISSION

UNDERGRADUATE PROGRAM

Graduates of accredited secondary schools will be admitted by certificate upon the recommendation of the secondary school principal. The admission requirements of the School of Nursing are much the same as requirements for admission to other undergraduate schools of the University. The following distribution of subject matter is desirable:

English	4 units required
Mathematics	
Algebra	1 unit required
Plane Geometry	1 unit required
History and Social Sciences	1 unit required
	2 units desired
Foreign Language	1 unit desired
Biological and Physical Sciences	1 unit required
Biology	1 unit or
Chemistry	1 unit or
Physics	1 unit

For those persons who have taken the high school equivalent examinations, admission requirements may be obtained from the Director of Admissions, University of Maryland, College Park, Maryland.

The school is open to American citizens and foreign students who qualify for admission. Evidence must be submitted of personal fitness in regard to health, personality and moral character.

TRANSFER STUDENTS

A student must be in good standing as to scholarship and character to be eligible for transfer to the University. Advanced standing is assigned

ADMISSION REQUIREMENTS

to a transfer student from an accredited institution under the following conditions: (1) A minimum of one year of resident work or not less than 30 semester hours (including the meeting of all University and curricular requirements) is necessary for a degree; (2) the University reserves the right to make the assignment of transfer credit conditional upon the student's making a satisfactory record during his first semester at the University; (3) the University reserves the right to revoke advanced standing if the transfer student's progress is at any time unsatisfactory.

Students who have had at least two years of college in other accredited schools may be admitted to the junior year provided they have completed the equivalent of the American Civilization Program given at the University of Maryland (see p. 27) and the courses prerequisite to the studies in clinical nursing.

APPLICATION PROCEDURE

APPLICANTS FROM SECONDARY SCHOOLS: Procure an application form from the Director of Admissions, University of Maryland, College Park, Maryland. Return the completed form directly to the Director of Admissions, University of Maryland, College Park, Maryland.

To avoid delay, it is suggested that applications be filed not later than July first, for the fall semester, and January first, for the spring semester. Completed forms may be returned to Office of Admissions after mid-year grades are available.

APPLICANTS FROM OTHER COLLEGES AND UNIVERSITIES: Procure application form from the Director of Admissions, University of Maryland, College Park, Maryland. Return completed form to the Office of Admissions, University of Maryland, College Park, Maryland.

Request the Registrar of the college or university attended to send a transcript of college work to the Director of Admissions.

TIME OF ADMISSION: New students should plan to enter the University at the beginning of the fall semester if possible. Students, however, will be admitted at the beginning of either semester in the College Park Division.

REGISTRATION

All students are expected to complete their registration, including the filing of class cards and payment of bills on the regular registration days. Those who do not complete their registration during the prescribed days must pay a late registration fee of \$10.00.

For registration in College Park Division, report to Miss Margaret L. Hayes, Assistant to the Dean, School of Nursing Office, Room 303, Journalism Bldg., University of Maryland, College Park, Maryland. For registration in the Baltimore Division, report to the Office of the Dean, Whitehurst Hall, 624 West Lombard Street, Baltimore 1, Maryland.

FEES AND EXPENSES

All fees are due and payable at the time of registration. Students should come prepared to pay the full amount of the charges. Checks and money orders should be made payable to the University of Maryland for the exact amount of charges. No student will be admitted to classes until such payment has been made. In cases where a student has been awarded a scholarship, the amount of such scholarship or grant will be deducted from the bill.

The University reserves the right to make such changes in fees and other expenses as may be found necessary, although every effort will be made to keep the costs to the student as low as possible.

No degree will be conferred, or any diploma, certificate, or transcript of a record issued to a student who has not made satisfactory settlement of his account.

The charges are approximate and may fluctuate because of changing economic conditions. Student uniforms are obtained during the sophomore year. Expenses for meals, transportation, and incidentals for field trips are borne by the student.

An Adventure in Learning, the undergraduate catalog of the University, contains a detailed statement of fees and expenses and includes changes in fees as they occur. A copy may be requested from the Catalog Mailing Office, North Administration Building, University of Maryland at College Park.

WITHDRAWAL AND REFUND OF FEES

Any student compelled to leave the University School of Nursing anytime during the academic year should file an application for withdrawal, bearing the proper signatures, in the Office of the Registrar. If this is not done the student will not be entitled, as a matter of course, to a certificate of honorable dismissal, and will forfeit his right to any refund to which he would otherwise be entitled. The date used in computing refunds is the date the application for withdrawal is filed in the Office of the Registrar.

Students withdrawing from the University will receive a refund of all charges except board, deposits for room reservations, less the Matriculation Fee and any scholarship credit in accordance with the following schedule:

College Park Campus

PERIOD FROM DATE INSTRUCTION BEGINS	PERCENTAGE REFUNDABLE
Two weeks or less	80%
Between two and three weeks	60%
Between three and four weeks	40%
Between four and five weeks	20%
Over five weeks	0

FEES AND EXPENSES

Baltimore Campus

PERIOD FROM DATE INSTRUCTION BEGINS	PERCENTAGE REFUNDABLE
Three weeks or less	80%
Between three and five weeks	60%
Between five and seven weeks	40%
Between seven and eight weeks	20%
Over eight weeks	0

EXPLANATION OF FEES

The Fixed Charge Fee is not a charge for tuition. It is a charge to help defray the cost of operating the University's physical plant, to pay administrative and clerical expenses and other costs which ordinarily would not be included as a cost of teaching personnel and teaching supplies.

The Athletic Fee is charged for the support of the Department of Intercollegiate Athletics. All students are eligible and all students are encouraged to participate in all of the activities of this department and to attend all contests in which they do not participate.

The Special Fee is used to pay interest on and amortize the cost of construction of the Student Union Building, the Activities Building, and the Swimming Pool.

The Student Activities Fee is a mandatory fee included at the request of the Student Government Association. It covers subscription to the *Diamondback*, student newspaper; the *Old Line*, literary magazine; the *Terrapin*, yearbook; class dues; and includes financial support for the musical and dramatic clubs and a cultural entertainment series.

The Infirmary Fee is charged for the support of the Student Health Service, but does not include expensive drugs or special diagnostic procedures. Expensive drugs will be charged at cost and special diagnostic procedures, such as X-ray, electro-cardiographs, basal metabolic tests, etc., will be charged at the lowest cost prevailing in the vicinity.

Students who register for the second semester but not for the first semester are required to pay the following additional fees: Athletic, \$10.00; Student Activities, \$8.00; Special, \$7.50; Recreational Facilities Fee, \$12.50.

The Recreational Facilities Fee is paid into a fund which will be used to expand the recreational facilities on the College Park campus, especially the Student Union Building.

The Advisory and Testing Fee is charged to cover partially the cost of the University Counseling Center and the Freshman Testing Program.

The Health Fee on the Baltimore campus is charged to help defray the cost of maintenance of a health service. This service includes routine examinations and emergency care.

Each student is required to carry hospitalization insurance. Those students presenting satisfactory evidence that they have current and acceptable hospitalization insurance will pay no further charge. Those students without acceptable hospitalization insurance will be enrolled in Blue Cross and will be billed for the cost thereof*.

DEFINITION OF RESIDENCE AND NON-RESIDENCE

Students who are minors are considered to be resident students if at the time of their registration their parents have been domiciled in the State of Maryland for at least six months.

The status of the residence of a student is determined at the time of his first registration in the University and may not thereafter be changed by him unless, in the case of a minor, his parents move to and become legal residents of Maryland by maintaining such residence for at least six months. However, the right of the minor student to change from a non-resident status to resident status must be established by him prior to the registration period set for any semester.

Adult students are considered to be residents if at the time of their registration they have been domiciled in Maryland for at least six months provided such residence has not been acquired while attending any school or college in Maryland or elsewhere. Time spent on active duty in the armed services while stationed in Maryland will not be considered as satisfying the six months period referred to above except in those cases in which the adult was domiciled in Maryland for at least six months prior to his entrance into the armed service and was not enrolled in any school during that period.

The word "domicile" as used in this regulation shall mean the permanent place of abode. For the purpose of this rule only one domicile may be maintained.

COLLEGE PARK DIVISION

FEES FOR UNDERGRADUATE STUDENTS	<i>First</i>	<i>Second</i>	<i>Total</i>
MARYLAND RESIDENTS	<i>Semester</i>	<i>Semester</i>	<i>Per Year</i>
Fixed Charges	\$130.00	\$120.00	\$250.00
Athletic Fee	20.00	.....	20.00
Student Activities Fee	12.00	.....	12.00
Special Fee	15.00	.....	15.00
Recreational Facilities Fee	25.00	.....	25.00
	<hr/>	<hr/>	<hr/>
	\$214.00	\$132.00	\$346.00

* See page 17 for explanation as to the meaning of acceptable Hospital Insurance.

† In lieu of laboratory fees for full-time undergraduates.

FEES AND EXPENSES

RESIDENTS OF THE DISTRICT OF

COLUMBIA, OTHER STATES AND
COUNTRIES

	<i>First Semester</i>	<i>Second Semester</i>	<i>Total</i>
Tuition Fee for Non-Resident Students . . .	\$200.00	\$200.00	\$400.00
Total for Non-Resident Students	\$414.00	\$332.00	\$746.00

BALTIMORE DIVISION

FEES FOR UNDERGRADUATE STUDENTS

Fixed Charges	\$ 95.00	\$ 95.00	\$190.00
*Health Fee	10.00	10.00	10.00
Post Office Fee	2.00	2.00	2.00
Student Activity Fee	10.00	10.00	10.00
**Student Union Fee	30.00	30.00	30.00
***Special Fee	10.00	10.00	10.00
Total all students	\$157.00	\$ 95.00	\$252.00

SPECIAL FEES

†Application Fee (College Park)	\$10.00
Matriculation Fee—payable at time of first registration in the University	10.00
Application Fee—for students transferring from other schools to the University of Maryland in Junior Year	7.50
Diploma Fee for Bachelor's Degree	10.00

* Blue Cross or other acceptable insurance is required in addition to Health Fee. Students from associated collegiate schools of nursing will be charged a \$5.00 health fee.

** The Student Union Fee is payable by all students enrolled in the Professional Schools on the Baltimore campus and is used to pay interest on and amortize the cost of construction of the Union Building.

*** The Special Fee is payable by all full-time students enrolled in the Professional Schools on the Baltimore campus and is used to finance equipment for the Union Building.

A Student Union Fee of \$6.00 will be assessed against part-time students at the time of first registration during the academic year. This fee will reduce to \$3.00 for part-time students who initially enroll for the second semester of the school year.

Full-time students who initially enroll for the second semester of the school year will be assessed for Student Union Fee and Special Fee at \$15.00 and \$5.00 respectively.

† This fee replaces the Matriculation Fee for those students who enroll in the semester for which they apply.

MISCELLANEOUS FEES AND CHARGES

Fee for part-time students per credit hour	\$15.00
The term "part-time" is interpreted to mean undergraduate students taking 8 semester credit hours or less. Students carrying more than 9 semester hours pay the regular fees.	
Late Registration Fee	10.00
(All students are expected to complete their registration, including the filing of class cards and payment of bills, on the regular registration days). Those who do not complete their registration during the designated time will be charged a fee of \$5.00.	
Fee for Change in Registration (after first week of classes)	5.00
Fee for failure for medical examination appointment	2.00
Special Examination Fee—to establish college credit— per semester hour	5.00
Fee for Transcript of Academic Record (One transcript furnished without charge)	1.00
Makeup Examination Fee—for students who are absent during any class period when tests or examinations are given) . .	1.00
Library Charges—fine for failure to return book from general library before expiration of loan period, per day . . . . .	.05
Fine for failure to return a book from reserve shelf before expiration of loan period.	
First hour overdue	\$.25
Each additional hour	\$.05
In the event it becomes necessary to transfer uncollected charges to the Cashier's office, an additional charge of \$1.00 is made.	

TEXTBOOKS AND SUPPLIES

Cost of textbooks and classroom supplies vary with the course, but will average per semester	\$ 50.00
Baltimore Division	15.00
Uniforms (approximate cost to student)	99.00

FIELD EXPERIENCE

Students will be responsible for the cost of lunch and busfare when participating in field experience in public health, psychiatric, rehabilitation and tuberculosis nursing programs. The approximate cost will total about \$70.00.

LABORATORY FEES

Biochemistry Laboratory Fee	\$ 5.00
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FEES AND EXPENSES

SUMMARY OF TOTAL COSTS

FOR STUDENTS IN THE COLLEGE PARK DIVISION DURING THEIR FRESHMAN AND SOPHOMORE YEARS.

	<i>Freshman Year</i>	<i>Sophomore Year</i>	<i>Total</i>
Fees (Resident of Maryland)*	\$ 346.00	\$ 346.00	\$ 692.00
Matriculation fee	10.00	.....	10.00
Textbooks (approximate)	70.00	70.00	140.00
**Uniforms	.....	94.15	94.15
Board and Lodging (Residents of Md.)†	740.00	740.00	1,480.00
Total	\$1,086.00	1,170.15	\$2,256.15

FOR STUDENTS OF THE BALTIMORE CAMPUS DURING THEIR JUNIOR AND SENIOR YEARS.

	<i>Junior Year</i>	<i>Senior Year</i>	<i>Total</i>
Fees	\$252.00	\$252.00	\$504.00
Textbooks	20.00	20.00	40.00
Fieldwork (approximately)	.....	70.00	70.00
Laboratory Fee	5.00	.....	5.00
Diploma Fee	.....	10.00	10.00
Dormitory Fee	\$180.-\$300	\$180.-\$300	\$300.-\$600.00
Total	\$517.00	\$592.00	\$1,109.00‡

ROOM AND BOARD—BALTIMORE CAMPUS

- § Double room \$90.00 per semester
- § Single room 120.00 per semester
- § Single room with bath 150.00 per semester

Meals may be purchased at the University Cafeteria at a minimum cost. The following plans for arranging for maintenance are available to the students:

1. Pay regular dormitory fees and buy food on a cash basis. (Room

* Non-residents pay an additional \$350.00 per year.
 † Non-residents pay an additional \$50.00 per year for lodging.
 ** Uniforms are purchased by the student in the second semester of the sophomore year. The School of Nursing does not assume any financial responsibility for uniforms.
 ‡ Total includes median dormitory fee but does not include meals and Blue Cross.
 § The resident provides blankets, towels, pillows and linens at the time of registration.

rents will appear as a charge on the student's bill, at the time of registration.

2. Live at home with the consent of the Office of the Dean of Women and buy food on a cash basis as the occasion arises.
3. Secure student employment at the University Hospital provided an average of 2.5 is maintained.

GENERAL INFORMATION FOR THE BALTIMORE UNION

The Baltimore Union for students of the Professional Schools is located adjacent to the Professional Schools at 621 West Lombard Street. Accommodations for 195 men are provided in a five-story semi-air conditioned building which also contains a cafeteria, fountain lounge, meeting rooms, laundry facilities, game room, bookstore, barber shop and lounges on each floor. Double rooms are available. The rental agreement is made for rooms only; meals are served cafeteria style on a cash basis. The contract for accommodations covers the academic year.

ACADEMIC YEAR

The rates are:

\$150.00 per semester per double room

\$ 60.00 per six weeks summer session per double room

Other:

\$45 per month

Three single rooms are available. They will be assigned on the basis of residence in The Baltimore Union.

What the rate covers:

The rate shown above is per person and includes the following:

Room furnishings, bed and cover, mattress, chest of drawers, closet, book shelves, desk, medicine cabinet, desk chair and desk lamp.

Maid service will include cleaning of room twice per week and replacement of change of line once each week.

Telephone service is available through the Chesapeake & Potomac Telephone Company. Cost of the telephone is not included in the room rate. Information can be obtained from the Manager's Office.

Mail service is also provided.

The resident provides blankets, towels, pillow and linens. Towels and linens must be rented through the designated Commercial Rental Service.

A small amount of luggage space is available. Storage of anything other than luggage will not be available.

ACADEMIC REGULATIONS

TRANSIENTS

The rates are:

\$ 4.00 per day

\$24.00 per week

What the rate covers:

The services will include one bath and one face towel, one face cloth, soap and change of linen daily (once per week if weekly guest).

HOW TO APPLY FOR A ROOM ASSIGNMENT:

Write directly to:

Office of the Manager
The Baltimore Union
621 West Lombard Street
Baltimore 1, Maryland

ACADEMIC REGULATIONS

GRADING

The scholastic standing of a student is recorded in terms of the following symbols: A, B, C, and D, passing; F, failure; I, Incomplete. Mark "A" denotes superior scholarship; mark "B," good scholarship; "C," fair scholarship; and mark "D," passing scholarship.

In computing scholastic averages, numerical values are assigned as follows: A-4; B-3; C-2; D-1; F-0.

A scholastic average of "C" is required for junior standing and for graduation. A student with a mark of "F" has failed and must repeat the entire course in order to receive credit for it. In case of a failure in a required course a student must enroll again in that subject the first time it is offered, unless excused by the Dean.

The Academic Probation Plan described in the *General and Academic Regulations* publication provides more detail about repeating courses. A student doing unsatisfactory work will be counseled by the Dean or her associates.

The University reserves the right to request the withdrawal of a student who does not or cannot maintain the required standard of scholarship, or whose continuance in the University would be detrimental to his health, or to the health of others, or whose conduct is not satisfactory to the authorities of the University.

ATTENDANCE

Grades reflect the overall performance of the student, including his attendance in class.

ACADEMIC REGULATIONS

Students are allowed no automatic "cuts" or absence from class.

Whenever a student has more than three absences from a class, exclusive from those included in academic regulations, the instructor is obligated to report such absence to the office of the Dean, School of Nursing.

REPORTS

Written reports of grades are sent by the Registrar to students and to parents or guardians of minor students.

VACATIONS

Approximately 22 weeks vacation is granted during the four (4) years which may be distributed in the following manner:

- 14 weeks between freshman and sophomore years.
- 4 weeks between sophomore and juniors years.
- 4 weeks between junior and senior years.

JUNIOR REQUIREMENTS

A minimum of 63-65 academic credits with an average grade of at least "C" (2.0) are required for junior status.

Science and physical education courses required in the freshmen and sophomore years must be completed before transfer to the Baltimore campus.*

REQUIREMENTS FOR GRADUATION

For graduation each student must acquire a minimum of 128 semester hour credits in academic subjects other than physical activities. The physical activities requirement is 4 semester hours in addition to the above requirements.

CONFERRING OF DEGREES

The University confers the following degrees: Bachelor of Science in Nursing and Master of Science in Nursing.

The baccalaureate degree will be awarded only to the student who has had one year or more resident work in the University of Maryland. The last thirty semester credits in any curricula leading to a baccalaureate degree must be taken in residence at the University.

A general "C" (2.0) average is required for graduation. The "C" average will be computed on the basis of the courses required by each student's

* Students are not advanced to Junior standing for upper level courses until all required courses in the sciences (which are prerequisites to clinical fields) are satisfactorily completed.

ACADEMIC REGULATIONS

curriculum. The average of transfer students and of those seeking combined degrees will be computed on the basis of the courses required by each student's curriculum and in satisfaction of the non-professional curriculum requirements of the college granting the degree. An overall average will also be computed to include all academic courses taken in the University as a basis for the award of honors and such other uses as may be deemed appropriate.

Each candidate for a degree must file a formal application in the Office of the Registrar at least eight weeks prior to the date he expects to complete his course of study. Candidates for degrees must attend a convocation at which degrees are awarded. Degrees are awarded in absentia only in exceptional cases.

ELIGIBILITY FOR STATE REGISTRATION

Upon the successful completion of the program, graduates will be eligible for admission to the examination given by the Maryland State Board of Examiners of Nurses for registration to practice nursing in Maryland.

TRANSCRIPT OF RECORDS

Students and alumni may secure transcripts of their scholastic records from the Office of the Registrar. No charge is made for the first copy; for each additional copy there is a charge of \$1.00. Checks should be made payable to the University of Maryland. Transcripts of records should be requested one week in advance of the date when the records are actually needed. Transcripts will be furnished only to those students or alumni whose financial obligations to the University have been met.

All requests for transcripts of professional record may be obtained by directing a request to the Office of the Dean of the School of Nursing in Baltimore calling attention to the Student Record Department. A charge of \$2.00 is made for each copy (payable as stated above). Requests should be made at least two weeks in advance of the date when the records are actually needed.

LIVING ARRANGEMENTS

College Park Campus

All undergraduate women except those who live at home are required to room in University residence halls. However, under very special circumstances with written permission from parents to the Dean of Women, women students may live with close relatives or in homes acceptable to their parents in the vicinity of College Park. Students under the age of 21 may under no circumstances live in apartments.

The application for admission to the University is not an application for housing. If you indicate your need for housing on your application, the Director of Admissions will inform the Women's Housing Office of your request *after you have been admitted* and the Housing Office will send you a housing application.

A required \$25.00 room deposit is deducted from the first semester room charges. This deposit cannot be refunded unless a request for refund is made before July 31st. If you do not move into your designated residence hall during Registration Week, your reservation will be cancelled. Be sure to notify the Women's Housing Office if special circumstances necessitate your arriving after classes have begun.

It is understood that all housing and board arrangements which are made for September are binding for the entire school year.

A student who lives in a residence hall must have meals at the University Dining Hall and the Dining Hall fee is paid at the same time that the room rent is collected.

EQUIPMENT

Students assigned to residence halls are requested to bring the following articles: A laundry bag, a shoe bag, bureau scarves, a pillow, two blankets, at least two sets of sheets and pillow cases, towels, a desk lamp and an iron. These and other articles can be purchased here or brought from home. The individual student assumes responsibility for all dormitory property assigned to her. Any damage done to the property other than that which results from ordinary wear and tear will be charged to the student concerned. Where individual responsibility for damage cannot be ascertained, the amount of charge for damages will be pro-rated among the occupants of the room in the dormitory in which the damage occurred.

Each student will be furnished a key for her room for which a deposit of \$1.00 will be made. This deposit will be returned in exchange for the key at the end of the student's stay in the University residence hall.

LAUNDRY

The University does not provide laundry service. Each student is responsible for her own laundry.

There are laundry facilities in the basement of each building so do not bring ironing boards. Washers and dryers are for personal laundry only, not for sheets and towels. *Students are not permitted to iron in their rooms because of fire regulations.* Some students prefer to rent bed linen and towel; a laundry company will write to you about this service which costs \$26.00 a year.

STUDENT HEALTH AND WELFARE

MEALS

All students who live in University residence halls must take their meals in the University Dining Hall.

Baltimore Campus

Louisa Parsons Hall, a student resident hall of the University in Baltimore, offers comfortable living accommodations for women students. It is under the general supervision of the Dean of Women. Bed linens, towels, pillows, and curtains are provided as a part of the general furnishings of the room. Students are requested to bring their own bedspeads, blankets, bureau scarves, small rugs, a laundry bag, iron and table lamp. The individual student assumes responsibility for all dormitory property assigned to her. Any damage done to the property other than that which results from ordinary wear and tear will be charged to the student concerned.

All undergraduate students will be required to live in the Louisa Parsons Hall unless they live at home with their parents or close relatives. Married students should arrange to live off campus with their husbands.

Meals may be purchased at University cafeterias or in nearby restaurants.

STUDENT HEALTH AND WELFARE

The University recognizes its responsibility for safeguarding the health of its students. All new undergraduate students are required to undergo a thorough physical examination prior to their registration. A well-equipped infirmary is available for the treatment of sick or injured students, and a nurse is on duty at all hours.

All dormitories, off-campus houses, sorority and fraternity houses are inspected periodically by the Student Health Service to make certain that proper sanitary conditions are maintained.

Group Accident Insurance, issued by a national company, is available to students on a voluntary basis.

STUDENT HEALTH—BALTIMORE CAMPUS

The Health Office is located on the second floor of the Out-Patient Department building. Health Service is available to junior and senior students. Vaccinations and immunizations as specified (smallpox, typhoid and tetanus) on health form are to have been completed before the beginning of the junior year. Certificates or certified statements for the specified vaccinations and immunizations are to be presented to the Health Office when the student registers on the Baltimore campus.

SCHOLARSHIPS AND GRANTS-IN-AID

All junior students undergo a physical examination including chest x-ray and routine blood studies. Indicated examinations and tests will be made and repeated when deemed advisable.

The student and/or her parent or guardian will be responsible for financial arrangements necessary for hospitalization.

Evidence of acceptable insurance coverage for hospitalization is required when the student enrolls as a junior on the Baltimore Campus. Blue Cross membership will be required and included in costs if evidence of acceptable hospitalization is not available at time of registration.

Acceptable coverage may be interpreted to mean allowances made by insurance companies which are comparable to costs existing at University Hospital at time of enrollment.

SCHOLARSHIPS AND GRANTS-IN-AID

All requests for information concerning scholarships and grants-in-aid should be addressed to the Director of Student Aid, University of Maryland, College Park, Maryland. Regulations and procedures for the award of scholarships and grants are formulated by the Faculty Senate Committee on Scholarships and Grants-in-Aid.

The Board of Regents of the University authorizes the award of a limited number of scholarships each year to deserving students. All scholarships and grants for the undergraduate departments of the University at College Park are awarded by a faculty committee. Applicants are subject to the approval of the Director of Admissions insofar as qualifications for admission to the University are concerned. All recipients are subject to the academic and non-academic regulations and requirements of the University.

Scholarships and grants are awarded to young men and women based upon apparent academic ability and financial need. In making awards consideration is given to character, achievement, participation in student activities, and to other attributes which may indicate success in college. It is the intent of the committee to make awards to those qualified who might not otherwise be able to provide for themselves an opportunity for higher education.

The recipient of a scholarship or a grant is expected to make normal progress toward a degree.

The Committee on Scholarships and Grants-in-Aid reserves the right to review the scholarship program annually and to make adjustments in the

SCHOLARSHIPS AND GRANTS-IN-AID

amounts and recipients of the awards in accordance with the funds available and scholastic attainment.

The types of scholarships, grants, and loan funds available are as follows:

FULL SCHOLARSHIPS

The University awards fifty-six full scholarships covering board, lodging, fixed charges, fees and books. Not more than twenty of these scholarships may be held by out-of-state students and at least twelve are reserved for women. Scholastic achievement and participation in student activities are given primary consideration in the award of these scholarships.

UNIVERSITY GRANTS

The University awards to deserving and qualified secondary school graduates a limited number of grants covering fixed charges only.

GENERAL ASSEMBLY GRANTS

These grants are for fixed charges and are awarded by members of the Legislature, three for each Senator and one for each member of the House of Delegates. They may be awarded by a member of the House of Delegates or by a Senator only to persons in the county or in the legislative district of Baltimore City which the Delegate or Senator represents. Awards of such grants are subject to approval by the Committee on Scholarships and Grants-in-Aid and by the Director of Admissions as to qualifications for admission.

SPECIAL ACADEMIC SCHOLARSHIPS

These are awarded to students of exceptional academic ability by the Committee on Scholarships and Grants-in-Aid.

ENDOWED SCHOLARSHIPS AND GRANTS

Endowed scholarships and grants are supported by income from funds especially established for this purpose.

STUDENT LOANS

NDEA STUDENT LOANS—The National Defense Education Act of 1958 provides funds for student loans. A student may borrow in one year a sum not exceeding \$1,000 and during his entire course of study may borrow a sum not exceeding \$5,000.00. The borrower must sign a note for the loan and agree to interest and repayment terms established by the University. Repayment of the loan begins one year after the borrower ceases to be a full-time student and must be completed within

ten years thereafter. No interest is charged on the loan until the beginning of the repayment schedule. Interest after that date is to be paid at the rate of 3 percent per annum.

EXTRA-CURRICULAR, SOCIAL AND RELIGIOUS LIFE

Organized student activities are recognized and encouraged. Opportunities are open in student government, sororities, clubs, civic and service organizations, subject matter organizations, and recreational organizations.

The Student Government Association represents all students and operates under an approved constitution and by-laws. The Associated Women Students, in cooperation with the Dean of Women, is concerned with matters pertaining to women students.

Five student publications are published with faculty guidance and the general supervision of the Committee on Student Publications and Communications.

Many clubs and societies, with literary, art, music, cultural, scientific, social, and other special objectives function at the University. Some of these are strictly student organizations; others are conducted jointly by students and members of the faculty.

The All-Faith Memorial Chapel is one of the most beautiful structures of its kind in the nation. Within its shelter are housed the offices of chaplains, representing the major denominational bodies, and there are many opportunities for consultation with a minister representing the choice of faith. There are various religious clubs to which students may belong.

The Baltimore campus is located in an area which is accessible to a number of churches of the various denominations and representative clergy are available to students who may desire guidance.

A Student Union Executive Board represents the school on the Baltimore campus as well as the students living in the Union Building. The function of the Board is to establish social, recreational and educational programs as they pertain to the Baltimore Union for the students in the professional schools.

COUNSELING AND GUIDANCE

OFFICE OF THE DEAN OF WOMEN. The Office of the Dean of Women exists to furnish friendly counsel and helpful guidance to women students in connection with their adjustment to college and with their personal problems.

COUNSELING AND GUIDANCE

In addition, this office coordinates women's activities, approves chaperones for social functions, regulates sorority rushing in cooperation with the Panhellenic Association, and advises the Women's Student Government Association. It has supervision over all housing accommodations for women students, whether on or off campus. A personal interview with one of the members of the staff is required of every woman student on entering and on leaving the University. All women students are invited to avail themselves of the services of this office.

UNIVERSITY COUNSELING CENTER. The University maintains a center where all students are encouraged to go for individual assistance on their vocational choices, personal problems, and educational progress. The University Counseling Center has a professionally qualified staff and has available an extensive selection of diagnostic devices for the analysis of interests, abilities, aptitudes, and adjustment. By virtue of the payment of the annual Advisory and Testing Fee all students are entitled to the professional services of this center without further charge.

SCHOOL OF NURSING. An Associate Professor of Nursing and Assistant to the Dean gives counseling and guidance to students in nursing on the College Park Campus, Journalism Bldg., Room 303.

BASIC PROFESSIONAL NURSING PROGRAM

PHILOSOPHY AND PURPOSE

The basic professional nursing program leading to the degree of Bachelor of Science in Nursing is designed to prepare carefully selected women and men for professional nursing. The faculty of the School of Nursing recognizes nursing as a social institution and promotes a philosophy that students must live in an educational environment equal to their professional development. This educational environment should contribute to the development of the individual as a person, a citizen, and a professional nurse. Upon completion of the program the graduate should be able to assume the responsibilities of a professional staff nurse in a hospital, a public health or other community health agency. Through the development of habits in critical and constructive thinking as well as gaining knowledge, understanding and skills in nursing, the graduate should become a contributing member of her community and the nursing profession.

The first year of the program is devoted to studies in general education which are given on the College Park campus. The courses include the physical, biological and social sciences which serve as a base for professional education. An introductory course in nursing is given to acquaint the student with information relating to the role of nursing in health programs and agencies. The effect of illness upon the individual, the family

BASIC PROFESSIONAL NURSING PROGRAM

and the community is emphasized as well as the various institutions which provide health care.

The second year of the program the student continues her studies in the physical and biological sciences. Opportunity is offered the student to study the developmental growth of the child through the early childhood years. Observational experience in the nursery school of the University of Maryland is provided. After the second year, the student transfers to the Baltimore division of the School of Nursing.

During the summer session following the sophomore year, a course in biochemistry is given. Concurrent with this course, a nursing experience is provided to enable the student to develop some skills in selected activities of nursing care.

The junior and senior years are devoted to the study of nursing care of patients in the various clinical areas, such as medicine, surgery, pediatrics, obstetrics, psychiatry and public health. Special attention is given to the study of nursing care of patients with specific medical, emotional and social problems such as the care of patients with tuberculosis and other long-term illnesses. Learning experiences are planned to assist the student to understand human behavior and to develop skills in communication which will enable her to work effectively with the patient, his family and with her co-workers. Clinical instruction and practice are planned to enable the student to become proficient in giving nursing care to patients and their families.

CURRICULUM

	(Semester)	
	I	II
FRESHMAN YEAR		
Eng. 1, 2—Composition and American Literature.....	3	3
Soc. 1—Sociology of American Life.....	3	..
G. & P. I—American Government.....	..	3
Zool. 1—General Zoology.....	4	..
Chem. 11, 13—General Chemistry.....	3	3
Sp. 7—Public Speaking.....	2	..
Nurs. 8—Nursing I.....	..	2
Math. 10—Introduction To Mathematics.....	..	3
Physical Activities.....	1	1
Total.....	16	15
SOPHOMORE YEAR		
Eng. 3, 4—Comp. and World Literature.....	3	3
Hist. 5, 6—Hist. of American Civilization.....	3	3
Psych. I—Intro. to Psychology.....	3	..
Microb. 1—General Microbiology.....	..	4
Zool. 14, 15—Human Anatomy and Physiology.....	4	4
Nut. 124—Science of Nutrition.....	..	3
C. Ed. 110—Child Development.....	3	..
Physical Activities.....	1	1
Total.....	17	18
SUMMER SESSION		
Bio-Chem. I—Biochemistry.....	4	..
Nurs. 7—Nursing II.....	2	..
Total.....	6	..
JUNIOR YEAR		
Nurs. 102—Medical and Surgical Nurs. I.....	10	..
Nurs. 105—Maternal and Child Nursing.....	..	10
Soc. 105—Cultural Anthropology.....	3	..
Psych. 110—Educational Psychology.....	..	3
Nurs. 103—Pharmacology.....	3	..
P. E. 160—Theory of Exercise.....	..	3
Total.....	16	16
SENIOR YEAR		
Nurs. 150—Medical—Surg. Nursing II.....	5	..
Nurs. 152—Psychiatric Nursing.....	..	5
Nurs. 153—Public Health.....	2	..
Nurs. 154—Princ., Management of Nursing Unit.....	2	..
Nurs. 155—Survey of Professional Nursing.....	..	2
Nurs. 156—Public Health Nursing.....	..	5
Hea. 120—Methods and Materials in Health Education....	3	..
Soc. 164—Family and Society.....	3	..
Nurs. 158—Biostatistics.....	..	3
Total.....	15	15

PROGRAM FOR REGISTERED NURSES

OBJECTIVES OF THE PROGRAM

The objective of this program is to bring to collegiate level the basic preparation of graduates of three year diploma schools.

ADMISSION REQUIREMENTS

Graduate nurses who have completed a three year program in an approved school of nursing, and have successfully passed a State Board of Examination for Registration of Nurses, and meet the admission requirements of the University of Maryland, may pursue studies in the University College and School of Nursing leading to the degree of Bachelor of Science in Nursing.

PRE-COLLEGIATE CREDIT IN NURSING

Thirty (30) credits in nursing may be assigned following the successful completion of the basic courses in general education and the satisfactory result of the Graduate Nurse Examination by the National League for Nursing.

Part-time Study—for the students who are employed on a full-time basis, the normal registration is 6 semester hours. Only exceptional students will be allowed to register for more than 6 semester hours and no more than 9 semester hours, and then only with the approval of an official University advisor.

FEES

Matriculation (payable once at time of first registration)	\$10.00
Fee per credit hour	\$15.00
Graduation Fee (payable prior to graduation)	\$10.00
*Student Union Fee	\$30.00
**Special Fee	\$10.00

* The Student Union Fee is payable by all students enrolled in the Professional Schools on the Baltimore Campus and is used to pay interest on and amortize the cost of construction of the Union Building.

A Student Union Fee of \$6.00 will be assessed against part-time students at the time of first registration during the academic year. This fee will reduce to \$3.00 for part-time students who initially enroll for the second semester of the school year. (The term "part-time" is interpreted to mean undergraduate students taking 6 semester credit hours or less. Students carrying more than 6 semester hours pay regular fees.)

** The Special Fee is payable by all full-time students enrolled in the Professional Schools on the Baltimore campus and is used to finance equipment for the Union Building.

CURRICULUM

LABORATORY FEES PER COURSE

Microb. 1—Microbiology	\$15.00
Microb. 101—Pathogenic Microbiology	\$15.00
Chem. 11—General Chemistry	\$12.00
Chem. 13—General Chemistry	\$12.00
or	
Chem. 1—General Chemistry	\$12.00
Chem. 3—General Chemistry	\$12.00

CURRICULUM

GENERAL REQUIREMENTS

<i>Course</i>	<i>Semester Credit</i>
Eng. 1—Composition and American Literature	(3)
Eng. 2—Composition and American Literature	(3)
Eng. 3 and 4—Composition and World Literature ..	(6)
G & P 1—American Government	(3)
Soc. 1—Sociology of American Life	(3)
Hist. 5—History of American Civilization	(3)
Hist. 6—History of American Civilization	(3)

SPECIAL REQUIREMENTS

Microb. 1—Microbiology	(3 or 4)
Microb. 101—Pathogenic Microbiology	(3 or 4)
Chem. 1—General Chemistry	(4)
Chem. 3—General Chemistry	(4)
or	
Chem. 13—General Chemistry	(3)
Chem. 11—General Chemistry	(3)
Zool. 55—Development of Human Body	(2)

NURSING REQUIREMENTS

C. Ed. 110—Child Development III	(3)
Nurs. 153—Public Health	(2)
Nurs. 154—Principles of Management in a Nurs. Unit ..	(2)
Nurs. 156—Public Health Nursing	(5)
Nurs. 158—Biostatistics	(3)
Nurs. 159—Clinical Practicum	(2)
Nurs. 199—Pro-Seminar	(2)

ADDITIONAL REQUIREMENTS

COURSE	<i>Semester Credit</i>
Hea. 120—Methods and Materials in Health Education . . .	(3)
Psych. 1—Introduction to Psychology	(3)
Sp. 1—Public Speaking	(3)
or	
Sp. 103—Speech Composition and Rhetoric	(3)
Psych. 110—Educational Psychology	(3)
P.E. 160—Theory of Exercise	(3)
Nut. 123—Nutrition for Health Services	(3)
Soc. 164—Family and Society	(3)
Soc. 105—Cultural Anthropology	(3)

ELECTIVE

Nurs. 189—Electives Workshops and Institutes (1-6)

Electives may be selected after consultation with the advisor.

A minimum of 128 semester credits is required for the B.S. in Nursing. A minimum of 30 semester hours must be completed in residence for a baccalaureate degree. Credit earned through University College is residence credit.

PUBLIC HEALTH FIELD EXPERIENCE: Due to the maturity and background of the registered nurse student, eight weeks of public health field experience in Baltimore City, Anne Arundel, Montgomery or Prince Georges County is required rather than the thirteen weeks which is required in the basic collegiate program. Registered nurses who have been employed in public health nursing or have had supervised experience as a student, should submit an official record of this experience for evaluation.

COURSE REQUIREMENTS OF THE UNIVERSITY

FRESHMEN AND SOPHOMORES, AMERICAN STUDIES PROGRAM: The University considers that it is important for every student to achieve an appreciative understanding of this country, its history and its culture. It has, therefore, established a comprehensive program in American Studies. This program is also designed to provide the student with a general educational background.

All students receiving a baccalaureate degree from the University of Maryland must (except as specific exceptions are noted in printed curricula) obtain 24 semester hours of credit in the lower division courses of the American Studies Program. Although the courses in the Program are prescribed generally, some choice is permitted, especially for students

CURRICULUM

who demonstrate in classification tests good previous preparation in one or more of the required subjects.

The 24 semester hours in American Studies are as follows:

1. English (12 hours, Eng. 1, 2 and 3, 4), American history (6 hours, H. 5, 6), and American government (3 hours, G. & P. 1) are required subjects; however, students who qualify in one, two or all three of these areas by means of University administered tests will substitute certain elective courses. Through such testing a student may be released from 3 hours of English (9 hours would remain an absolute requirement, 3 hours of American history (3 hours remaining as an absolute requirement), and 3 hours of American government. Students released from 3 hours of English will take Eng. 21 instead of Eng. 1 and 2. Those released from 3 hours of history will take H. 56 instead of H. 5 and 6. Students who have been exempt from courses in English, History, or American government may not take such courses for credit.

(See detailed description of academic regulation.)

PHYSICAL EDUCATION: All undergraduate women students classified academically as freshmen or sophomores, who are registered for more than six semester hours of credit, are required to enroll in and successfully complete four prescribed courses in physical education for a total of four semester hours of credit. The successful completion of these courses is a requirement for graduation. These courses must be taken by all eligible students during the first two years of attendance at the University, whether or not they intend to graduate. Transfer students who do not have credit in these courses, or their equivalent, must complete them or take them until graduation, whichever occurs first.

GRADUATE PROGRAM

MAJOR OBJECTIVE OF THE GRADUATE PROGRAM: The major objective of the graduate programs in nursing is to prepare selected students as nursing administrators, instructors in a special clinical area, and supervisors in nursing service.

REQUIREMENTS FOR ADMISSION: Admission to the Graduate Program in Nursing requires the applicant to be a registered nurse who has completed an undergraduate degree with academic standing which is recognized by the Graduate School of the University of Maryland. The applicant must have completed basic college or university courses in the physical and natural sciences (i.e., Chemistry, Microbiology, Anatomy and Physiology); and in the behavioral sciences (i.e., Psychology, Sociology and Anthropology). In addition, the applicant must have had clinical experience in Medical and Surgical Nursing, Psychiatric Nursing, Maternal

and Child Nursing and Public Health Nursing comparable to the requirements in the basic undergraduate program in nursing at the University of Maryland.

MINIMUM RESIDENCE: A residence of at least two semesters at this institution is required.

ADVANCEMENT TO CANDIDACY: Each prospective candidate for a Master's Degree is required to make application for admission to candidacy not later than the date on the calendar for the semester in which the degree is sought (see graduate calendar which appears in graduate catalog). He must have completed at least 12 semester hours of graduate work at the University of Maryland. An average grade of "B" in all major and minor subjects is the minimum requirement.

CURRICULUM REQUIREMENTS: Requirements for the Master of Science Degree in Administration in Nursing include the satisfactory completion of forty semester hours of graduate work. The forty semester hours of study and field experience extend through three college semesters and include clinical nursing and directed field experience either in University of Maryland Hospital or an associated hospital in Baltimore. The forty semester hour program includes thirty-four semester hours of course work and six semester hours for the thesis. Twenty-two semester hours must be taken in the major field, and a minimum of twelve semester hours in the minor field. It is required that at least twenty-two semester hours of course work be taken in courses numbered in the catalogue as 200 or above.

Requirements for the Master of Science Degree in General Psychiatric Nursing include the satisfactory completion of thirty-eight semester hours of graduate work. The program extends through three college semesters, and includes clinical study and supervised experience in intensive nurse-patient interaction, and nursing care of groups of mentally ill patients through nurse intervention and the use of the therapeutic community. The student is provided supervised learning experiences in teaching of psychiatric nursing or supervising psychiatric nursing services. The program includes thirty-two hours of course work and six semester hours of thesis. Eight semester hours are required in the minor field. It is required that at least twenty semester hours of course work be taken in courses numbered in the catalogue as 200 or above.

Requirements for the Master of Science Degree in Nursing of Children with Psychiatric Disorders include the satisfactory completion of fifty-three semester hours of graduate work. The program extends through four college semesters, and includes clinical study and supervised experience in establishing and maintaining intensive nurse-child relationships; working as a member of a psychiatric interdisciplinary team; establishing, maintaining, and providing continuity of therapeutic relationships in the home setting with families of the children who are receiving intensive treatment;

GRADUATE PROGRAM

and guided observation and participation with individual, and groups of, disturbed pre-school children who attend the Children's Guild, Inc. The student is provided supervised learning experiences in administering, teaching, supervising, and consulting with reference to nursing of children with psychiatric disorders.

Requirements for the Master of Science Degree in Medical and Surgical Nursing include the satisfactory completion of at least thirty semester hours of graduate work. The thirty hour program includes twenty-four semester hours of course work and six semester hours for the thesis. At least twelve semester hours must be taken in the major field, and at least eight semester hours must be taken in the minor field. It is required that at least twelve semester hours of course work be taken in courses numbered in the catalog as 200 or above.

Requirements for the Master of Science Degree in Maternal and Child Nursing include the satisfactory completion of at least thirty semester hours of graduate work. The thirty hour program includes twenty-four semester hours of course work and six semester hours for the thesis. At least twelve semester hours must be taken in the major field, and at least eight semester hours must be taken in the minor field. It is required that at least twelve semester hours of course work be taken in courses numbered in the catalog as 200 or above.

Requirements for the Master of Science Degree in Public Health Nursing include the satisfactory completion of thirty-seven hours of graduate work. The program extends through three college semesters, and includes clinical study and supervised experience in public health nursing. The student is provided supervised learning experience in teaching public health nursing or supervising public health nursing. The program includes thirty-one hours of course work and six semester hours of thesis. Eight semester hours are required in the minor field. It is required that at least twenty semester hours of course work be taken in courses numbered in the catalog as 200 or above.

THESIS: A thesis representing research in the major field must be approved by the advisor of the student and presented to the Dean of the Graduate School as partial requirement for the Master of Science Degree. Final approval of the thesis is given by the examination committee appointed by the Dean of the Graduate School.

LEARNING EXPERIENCE: Through graduate study the student broadens and deepens understandings built first upon knowledge and then greater understanding of a particular specialty of study and work. Having the privilege of studying with graduate students in other disciplines, the graduate student in nursing has opportunities to transfer knowledge from other areas to enrich her understandings in her particular field of specialty. The

graduate student is given opportunity to learn to pursue, evaluate and apply results of research in nursing in order to find better ways of improving patient care.

The extensive clinical facilities of the University of Maryland and associated institutions provide an excellent climate where this dynamic learning can occur. Seminars, workshops, institutes and conferences also provide opportunities for extending the scope of understanding of the graduate student. Depending upon the functional interest, the student receives practice in administration, teaching, supervision, and consultation under guidance.

FEES

Matriculation	\$10.00
Course Fees per semester hour	\$15.00
Diploma Fee for Master of Science Degree	\$10.00
*Student Union Fee	\$30.00
**Special Fee	\$10.00
Health Fee (full time students)	\$10.00

FELLOWSHIPS AND TRAINEESHIPS: Fellowships and traineeships may be available to those students who meet the requirements of the Graduate School of the University of Maryland. Traineeships are made available by the National Institute of Mental Health of the United States Department of Health, Education and Welfare, and the United States Department of Public Health. Some graduate assistance may be available through the National Fund for Graduate Education in Nursing. Nurses interested in applying for grants should make application to the Dean, School of Nursing, University of Maryland, Baltimore 1, Maryland. The applicant is urged to submit her request at the time of admission which should be at least by August 1 of the year in which she plans to do graduate study.

APPLICATION: Application forms for admission should be requested from the Dean of the School of Nursing, Baltimore and upon completion should be forwarded to the Office of the Dean of the Graduate School, University of Maryland, College Park, Maryland.

* Graduate students carrying (10) or more credit hours will pay \$30.00 Union Fee per annum. The Student Union Fee is payable by all students enrolled in the Professional Schools on the Baltimore campus and is used to pay interest on and amortize the cost of construction of the Union Building.

** Special fee of \$10.00 per annum for students carrying (10) or more credit hours. The Special Fee is payable by all full time students enrolled in the Professional Schools on the Baltimore campus and is used to finance equipment for the Union Building.

GRADUATE PROGRAM

GRADUATE CURRICULA ADMINISTRATION IN NURSING EDUCATION

A general requirement for graduate students majoring in the area of administration is the completion of three to five years of satisfactory experience as assistant instructor in teaching in a school of nursing or as an assistant in administrative functions.

FIRST SEMESTER

- Nurs. 201. Trends of Higher Education in Nursing (2)
- Nurs. 285. Curriculum Development in Nursing (2)
- Nurs. 286. Research Methods and Materials in Nursing (2)
- Nurs. 290. Administration in Nursing (3)
- Minor Subjects (6)

SECOND SEMESTER

- Nurs. 203. Nursing in Somatic Therapies (2)
- Nurs. 287. Seminar in Nursing Administration (2)
- Nurs. 288. Special Problems in Nursing: Research in Nursing (2)
- Nurs. 290. Administration in Nursing (3)
- Minor Subjects (3)

THIRD SEMESTER

- Nurs. 288. Special Problems in Nursing (Directed Experience) (2)
- Nurs. 288. Special Problems in Nursing (Clinical Nursing—
area of choice) (2)
- Nurs. 399. Research—Thesis (6)
- Minor Subjects (3)

ADMINISTRATION IN NURSING SERVICE

A general requirement for graduate students majoring in the area of administration is the completion of three to five years of satisfactory experience in management or supervision in nursing service.

FIRST SEMESTER

- Nurs. 201. Trends of Higher Education in Nursing (2)
- Nurs. 285. Curriculum Development in Nursing (2)
- Nurs. 286. Research Methods and Materials in Nursing (2)
- Nurs. 290. Administration in Nursing (3)
- Minor Subjects (6)

SECOND SEMESTER

- Nurs. 203. Nursing in Somatic Therapies (2)
- Nurs. 287. Seminar in Nursing (Service) (2)
- Nurs. 288. Special Problems in Nursing: Research in Nursing (2)
- Nurs. 290. Administration in Nursing (3)
- Minor Subjects (3)

THIRD SEMESTER

- Nurs. 288. Special Problems in Nursing (Directed Experience) (2)
- Nurs. 288. Special Problems in Nursing (Clinical Nursing—
area of choice) (2)
- Nurs. 399. Research—Thesis (6)
- Minor Subjects (3)

GRADUATE CURRICULUM IN NURSING OF
CHILDREN WITH PSYCHIATRIC DISORDERS

Throughout the nation, region, and state, reports of research findings have brought to focus the increase in incidents of mental illness among children. Responding to this need, clinical facilities are being established for prevention, treatment, and rehabilitation of these children, who represent a significant portion of the population about to assume future responsibility in society. At present, the State of Maryland has on-going services in the care of mentally ill children. These and other services will be developing and expanding in the near future. There is, therefore, an urgent need for professional nurses with specialized preparation in the care of children with psychiatric disorders. These nurses are required to function, with other disciplines especially as these disciplines relate to emotionally disturbed children and in supportive family care.

The nursing care of children with psychiatric disorders is a specialized field of psychiatric nursing. This specialty of nursing is built on a foundation of graduate preparation on the master's level in general psychiatric nursing. Presently, the University of Maryland offers a curriculum in the Graduate School with a major in general psychiatric nursing. This curriculum, or the equivalent from another accredited program in psychiatric nursing, provides an excellent base on which to build the highly specialized work with mentally ill children. The specialized curriculum will require approximately 30 semester hour credits above the graduate program in general psychiatric nursing. In some instances, the student may have completed a master's degree with a major in psychiatric nursing; however, students in the children's program will be required to complete a special research study in the care of children with psychiatric disorders. In other instances the student may have a year of graduate preparation in general psychiatric nursing, but not completed a thesis, and will complete a thesis during his study in this specialized area.

GRADUATE PROGRAM

As all other graduate programs in nursing, the degree Master of Science will be awarded by the Graduate School of the University.

NURSING OF CHILDREN WITH PSYCHIATRIC DISORDERS—TEACHING, SUPERVISION, CLINICAL SPECIALIST

FIRST YEAR OF PROGRAM

FALL SEMESTER

- Nurs. 201. Trends of Higher Education in Nursing (2)
- Nurs. 202. Interpersonal Interaction (2)
- Nurs. 204. Psychiatric Nursing (2)
- Nurs. 288. Special Problems in Nursing—Orientation to an Interdisciplinary Approach to Care of Children with Psychiatric Disorders (2)
- Minor Subjects (3)
- H.D. Ed. 200. Introduction to Human Development and Child Study (3)

SPRING SEMESTER

- Nurs. 203. Nursing in Somatic Therapies (2)
- Nurs. 205. Psychiatric Nursing (2)
- Nurs. 211. Seminar in Maternal and Child Health Services (2)
- Minor Subjects (6)

SECOND YEAR OF PROGRAM

FALL SEMESTER

- NURS. 250. COMPREHENSIVE CARE OF CHILDREN WITH PSYCHIATRIC DISORDERS. (4)

This course includes planning and implementation of nursing care of children who are mentally ill and who are receiving intensive care in a residential treatment center. Learning experiences include seminars in psychodynamic theory of mental illness of children, intensive nursing-child relationships, working as a member of a psychiatric interdisciplinary team, establishing, maintaining, and providing continuity of therapeutic relationships in the home setting with families of the children who are receiving intensive treatment.

(Charlton, Kanner, Staff.)

CLINICAL FACILITY

UNIVERSITY OF MARYLAND-PSYCHIATRIC INSTITUTE

In September 1961, a residential-intensive unit was opened, in the Psychiatric Institute, for the study and treatment of children with psychiatric disorders. The unit is under the medical supervision of Frank T. Rafferty, M.S., M.D., Professor of Psychiatry and Head of Department of Child Psychiatry. A faculty

member of the School of Nursing, a specialist in Child Psychiatry, will be in charge of the nursing curricula. Study and treatment of the children include registered nurses, teachers, psychologists, social workers, and music therapists.

NURS. 286. RESEARCH METHODS AND MATERIALS IN NURSING. (2)

NURS. 399.* RESEARCH-THESIS. (3)

H. D. ED. 208. SELF PROCESSES IN HUMAN DEVELOPMENT I. (3)

H. D. ED. 250. DIRECT STUDY OF CHILDREN. (1)

NURS. 285. CURRICULUM DEVELOPMENT IN NURSING (2)

SPRING SEMESTER (CHILDREN'S GUILD)

NURS. 251. NURSING OF PRE-SCHOOL CHILDREN WITH DEVIANT BEHAVIOR. (4)

This course includes guided observation and participation with individual and groups of disturbed pre-school children who attend the Children's Guild, Inc. Learning experiences include participation in psychological consultations and staff conferences, analysis and evaluation of problems of individual children and group therapy. Each student receives individual guidance throughout the course. (Charlton, Kanner.)

NURS. 252. NURSING OF CHILDREN WITH NORMAL BEHAVIOR. (2)

This course provides a basis of comparison of the behavior of pre-school children with deviant and normal behavior. Learning experiences will be provided at the Children's Guild, Inc. and will include guided observation of normal childhood play and learning in nursery, kindergarten, and day care centers. Laboratory study of normal physical and motor development, social relationships, language skills, the meaning of play and use of intellectual and creative media. (Charlton, Kanner.)

CLINICAL FACILITY—THE CHILDREN'S GUILD, INC.

The Children's Guild is a therapeutic nursery-kindergarten and parental counseling service, which came into being in 1954, to meet an unfulfilled need for early diagnosis and treatment of emotional disturbance in the pre-school child.

The Children's Guild treats up to 40 children at any one time for such development disturbances as extreme negativism and aggression, marked withdrawal, separation problems, and speech difficulties. Excluded are children with severe brain damage, pronounced mental retardation, and extreme psychotic behavior. An integral part of the service is the close relationship maintained with the mother and often the father, conducted through both individual and group counseling.

Children are seen in daily sessions of 2½ hours. The basic program is that of a fairly unstructured, free play nursery-kindergarten setting, with groups kept very small so that each child has immediate access to a teacher, and so that a teacher may devote exclusive attention to a single child when this is necessary. Through

* To be completed after the second year following successful study and experience at Children's Guild.

GRADUATE PROGRAM

the use of creative pedagogical techniques, the children are encouraged to talk, play, and act out their feelings. The Children's Guild itself does not provide exclusively individual therapy.

Mothers and fathers are seen in weekly (sometimes more frequent) individual and group counseling sessions. Parents are encouraged to look searchingly at the roots of the parent-child relationship, and to explore their own attitudes toward parenthood, marriage, family life, and the mainsprings of their own personalities. No attempt is made to fix "blame" at any source, and the focus is on constructive intervention to yield attitudinal and environmental change.

NURS. 287. SEMINAR IN NURSING—ADMINISTRATIVE, TEACHING, OR SUPERVISION. (2)

NURS. 288. SPECIAL PROBLEMS IN NURSING—RESEARCH IN NURSING (2)

NURS. 399. RESEARCH-THESIS. (3)

FACULTY—UNIVERSITY OF MARYLAND

MARY K. CARL, R.N., Ph.D., *Professor, Psychiatric Nursing, School of Nursing*

ARLYN CHARLTON, R.N., M.S., *Assistant Professor, Psychiatric Nursing, School of Nursing*

FRANCES T. REED, R.N., M.ED., *Associate Professor, Maternal and Child Nursing, School of Nursing*

MARTHA BORLICK, R.N., M.A., *Chairman, Graduate Division of Public Health Nursing*

CHILD PSYCHIATRY—MEDICAL FACULTY

FRANK T. RAFFERTY, JR., *Associate Professor of Psychiatry and Director of the Child Psychiatry Service*

M.D., St. Louis University, 1948; M.S., University of Colorado, 1953; B.S., St. Mary's College.

REGINALD S. LOURIE, *Clinical Professor of Psychiatry*

MED.SC.D., College of P. & S., 1942; M.D., L.I., College of Medicine, 1936; B.S., Cornell University, 1930.

ZELDA TEPLITZ, *Associate Clinical Professor of Psychiatry*

M.S., University of Illinois, 1943; M.D., 1942; B.S., University of Chicago, 1938.

JOSEPH D. NOSHPIZ, *Assistant Clinical Professor of Psychiatry*

M.D., University of Louisville, 1945; B.A., 1943.

SABINA C. PARTELLO, *Assistant Professor of Psychiatric Social Work*

M.S.S.W., Catholic University of America, 1943; B.S., University of Southern California, 1942.

- MARIANO VEIGA, *Assistant Professor of Psychiatry*
M.D., Barcelona University, 1944; B.S., Menendez Pelayo College, 1939.
- DONALD L. WESTON, *Assistant Professor of Medical Psychology*
PH.D., Boston University, 1958; M.A., 1954; A.B., University of Michigan, 1953.
- MURRAY BOWEN, *Clinical Instructor of Psychiatry*
M.D., University of Tennessee, 1937; B.S., 1937.
- IRVING A. FORSTER, *Instructor of Psychiatric Social Work*
M.S.W., Loyola University, 1956; B.A., Loras College, 1954.
- ANN LAMMERS, *Instructor of Psychiatry*
M.D., Creighton University, 1952; B.S., Duchesne College, 1948.
- THURMAN MOTT, *Clinical Instructor of Psychiatry*
M.D., Northwestern University, 1952; B.S., 1950.
- FREDERICK E. PHILLIPS, *Clinical Instructor of Psychiatry*
M.D., Wayne University, 1946; A.S., Eveleth Junior College, 1941.
- ELIZABETH M. STEIN, *Instructor of Medical Psychology*
PH.D., Pennsylvania State University, 1954; M.A., 1952; B.A., Cornell University, 1950.
- ADORACION L. TANEGA, *Instructor of Psychiatry*
M.D., University of Philippines, 1955; M.A., 1950.
- KARL T. WILSON, *Teacher II, Children's In-patient Unit*
B.S., Morgan State College, 1954.

STAFF OF COOPERATING AGENCIES

- LEO KANNER, M.D., *Psychiatry Professor Emeritus of Child Psychiatry and Honorary Consultant of the Johns Hopkins University School of Medicine—Staff of Children's Guild, Inc.*
- REGINALD LOURIE, M.D., *Psychiatry; Director, Department of Psychiatry, Children's Hospital, Washington, D. C.—Staff of Children's Guild, Inc.*
- BERNICE BASS, M.S.W., *Counseling; Chief, Counseling Service of the Children's Guild.*
- MRS. MARY O. STYRT, B.S., *Psychology; Psychologist, The Children's Guild, Inc.*
- PHILIP GLASSNER, M.A., *Speech; Speech Therapist, Children's Guild, Inc.*
- MRS. LEON M. GINSBERG, B.A., *Education; Acting Educational Director, The Children's Guild, Inc.*
- MRS. DOROTHY GINSBURG, B.A., *Education; Supervising Teacher, The Children's Guild, Inc.*

GRADUATE PROGRAM

JOSEPH J. REIDY, M.D., *Associate in Psychiatry, School of Medicine, University of Maryland.*

KURT GLASER, M.S., M.D., *Clinical Instructor in Psychiatry, School of Medicine, University of Maryland; Director, Rosewood State Training School.*

PREREQUISITES FOR ADMISSION TO THE GRADUATE CURRICULUM IN NURSING OF CHILDREN WITH PSYCHIATRIC DISORDERS

Applicants for admission must meet the following criteria:

The applicant must be a registered nurse who has completed undergraduate degree with academic standing which is approved by the Graduate School of the University of Maryland. The applicant must have completed basic college or university courses in physical and natural sciences (i.e., chemistry, microbiology, anatomy and physiology); and behavioral sciences (i.e., psychology, sociology, anthropology). In addition, the applicant must have had clinical experiences in medical and surgical nursing, psychiatric nursing, maternal and child nursing, and public health nursing. These learning experiences must be comparable to the requirements in the basic undergraduate program in nursing at the University of Maryland.

In addition, the applicant must have completed a nationally accredited graduate program in general psychiatric nursing.

GENERAL PSYCHIATRIC NURSING TEACHING, SUPERVISION, CLINICAL SPECIALIST

SEMESTER I—FALL

- Nurs. 201. Trends of Higher Education in Nursing (2)
- Nurs. 202. Interpersonal Interaction (2)
- Nurs. 204. Psychiatric Nursing (2)
- Nurs. 286. Research Methods and Materials in Nursing (2)
- Soc. 105. Cultural Anthropology (3)
- Minor Subjects (3)

SEMESTER II—SPRING

- Nurs. 203. Nursing in Somatic Therapies (2)
- Nurs. 205. Psychiatric Nursing (2)
- Nurs. 288. Special Problems in Nursing—Research in Nursing (2)
- Minor Subjects (6)

SEMESTER III—FALL

- Nurs. 285. Curriculum Development in Nursing (2)

- Nurs. 287. Seminar in Nursing—Administration, Teaching, or Supervision (2)
Nurs. 399. Research-Thesis (6)

MATERNAL AND CHLD NURSING TEACHING, SUPERVISION, CLINICAL SPECIALIST

FALL SEMESTER

- Nurs. 201. Trends of Higher Education in Nursing (2)
Nurs. 207. Nursing in Child Health Services (2)
or
Nurs. 209. Nursing in Maternal and Newborn Services (2)
Nurs. 215. Nursing Care of the Emotionally Disturbed Pre-School Child (2) (Concurrent with Nurs. 207)
Nurs. 285. Curriculum Development in Nursing (2)
Nurs. 286. Research Methods and Materials in Nursing (2)
Nurs. 288. Special Problems in Nursing-Core in Maternal and Child Nursing (2)
H. D. Ed. 200. Introduction to Human Development and Child Study (3)
or
Soc. 164. The Family and Society (3)

SPRING SEMESTER

- Nurs. 203. Nursing in Somatic Therapies (2)
Nurs. 208. Nursing in Child Health Services (2)
or
Nurs. 210. Nursing in Maternal and Newborn Services (2)
Nurs. 211. Seminar in Maternal and Child Health Services (2)
Nurs. 287. Seminar in Nursing: Administration, Teaching or Supervision (2)
Minor Subjects (5-6)

SUMMER SESSION

- Nurs. 399. Research-Thesis (6)

MEDICAL AND SURGICAL NURSING TEACHING, SUPERVISION, CLINICAL SPECIALIST

FALL SEMESTER

- Nurs. 201. Trends of Higher Education in Nursing (2)
Nurs. 212. Medical-Surgical Nursing (2)
Nurs. 285. Curriculum Development in Nursing (2)
Nurs. 286. Research Methods and Materials in Nursing (2)
Minor Subjects (3-6)

GRADUATE PROGRAM

SPRING SEMESTER

- Nurs. 203. Nursing in Somatic Therapies (2)
- Nurs. 213. Medical-Surgical Nursing (2)
- Nurs. 287. Seminar in Nursing Teaching or Supervision (2)
- Nurs. 288. Special Problems in Nursing-Research in Nursing (2)
- Minor Subjects (3-6)

SUMMER SESSION

- Nurs. 399. Research-Thesis (6)

PUBLIC HEALTH NURSING TEACHING AND SUPERVISION

A general requirement for graduate students majoring in the area of public health nursing is the completion of one satisfactory experience in public health nursing.

FALL—SEMESTER I

- Nurs. 201. Trends of Higher Education in Nursing (2)
- Nurs. 206. Philosophical Concepts of Health (Epidemiology) (2)
- Nurs. 220. Public Health Nursing (2)
- Nurs. 286. Research Methods and Materials in Nursing (2)
- Nurs. 288. Special Problems in Nursing (Clinical) (2)
- Minor Subjects (3 credits)

SPRING—SEMESTER II

- Nurs. 203. Nursing in Somatic Therapies (2)
- Nurs. 221. Public Health Nursing (2)
- Nurs. 222. Public Health Administration (2)
- Nurs. 288. Special Problems in Nursing: Communicable Diseases and Rehabilitation (2)
- Minor Subjects (6 credits)

FALL—SEMESTER III

- Nurs. 285. Curriculum Development in Nursing (2)
- Nurs. 287. Seminar in Nursing Administration Teaching or Supervision (2)
- Nurs. 288. Special Problems in Nursing: Research in Nursing (2)
- Nurs. 399. Research-Thesis (6)

COURSE DESCRIPTIONS

BIO-CHEM. 1. BIO-CHEMISTRY. (4)

Summer session, sophomore year. Basic principles of biological chemistry with emphasis on their application to diagnostic tests and the chemical processes which occur during health and disease. Prerequisite Chem. 11, 13 or Chem. 1, 3.

CHEM. 11, 13. GENERAL CHEMISTRY. (3, 3)

First and second semester, freshman year. Two lectures and one three hour laboratory period a week. Laboratory fee, \$12.00 per semester.

CHEM. 1, 3. GENERAL CHEMISTRY. (4, 4)

First and second semesters. Two lectures, one quiz, and two two-hour laboratory periods per week. Laboratory fee, \$12.00 per semester.

C. ED. 110. CHILD DEVELOPMENT III. (3)

First and second semesters, senior year. Development growth of the child from the prenatal period through the early childhood years with implications for home and school practice.

ED. 147. AUDIO-VISUAL EDUCATION. (3)

First semester and summer session. Laboratory fee, \$1.00. Sensory impressions in their relation to learning; projection apparatus, its cost and operation; slides, filmstrips, and films; physical principles underlying projection; auditory aids to instruction; field trips; pictures, models, and graphic materials; integration of sensory aids with organized instruction.

ED. 150. EDUCATIONAL MEASUREMENT. (3)

First and second semesters and summer session. Constructing and interpreting measures of achievement.

ED. 151. STATISTICAL METHODS IN EDUCATION. (3)

Designed as a first course in statistics for students in education. Emphasis is upon educational applications of descriptive statistics, including measures of central tendency, variability, and association.

ED. 161. PRINCIPLES OF GUIDANCE. (3)

First and second semesters and summer session. Overview of principles and practices of guidance-oriented education.

ED. 234. THE SCHOOL CURRICULUM. (3)

A foundations course embracing the curriculum as a whole from early childhood through adolescence, including a review of historical developments, an analysis of conditions affecting curriculum change, an examination of issues in curriculum making, and a consideration of current trends in curriculum design.

ED. 235. PRINCIPLES OF CURRICULUM DEVELOPMENT. (3)

Curriculum planning, improvement, and evaluation in the schools; principles for the selection and organization of the content and learning experiences; ways of working in classroom and school curriculum improvement.

H. D. ED. 200. INTRODUCTION TO HUMAN DEVELOPMENT AND CHILD STUDY. (3)

Offers a general overview of the scientific principles which describe human development and behavior and makes use of these principles in the study of

COURSE DESCRIPTIONS

individual children. Each student will observe and record the behavior of an individual child throughout the semester and must have one half-day a week for this purpose. It is basic to further work in child study and serves as a prerequisite for advanced courses where the student has not had field work or at least six weeks of workshop experience in child study. When offered during the summer intensive laboratory work with case records may be substituted for the study of an individual child.

H. D. ED. 208, 209. SELF PROCESSES IN HUMAN DEVELOPMENT I AND II. (3, 3)

H. D. Ed. 250 a or b or c must be taken concurrently with this course. Analyzes the effects of the various physical and growth processes, affectional relationships, socialization processes, and peer group roles and status on the integration, development, adjustment, and realization of the individual self. This analysis includes consideration of the nature of intelligence and of the learning process; the development of skills, concepts, generalizations, symbolizations, reasoning and imagination, attitudes, values, goals and purposes; and the conditions, relationships and experiences that are essential to full human development. The more common adjustment problems experienced in our society at various maturity levels, and the adjustment mechanisms used to meet them are studied.

H. D. ED. 250a, 250b, 250c. DIRECT STUDY OF CHILDREN. (1, 1, 1)

May not be taken concurrently with H. D. Ed. 102, 103, 104, or 200. Provides the opportunity to observe and record the behavior of an individual child in a nearby school. These records will be used in conjunction with the advanced courses in human development and this course will be taken concurrently with such courses.

ENG. 1, 2. COMPOSITION AND AMERICAN LITERATURE. (3, 3)

First and second semesters. Required of freshmen. Both courses offered each semester, but may not be taken concurrently. Prerequisite, three units of high school English. Grammar, rhetoric, and the mechanics of writing; frequent themes. Readings in American literature.

ENG. 3, 4. COMPOSITION AND WORLD LITERATURE. (3, 3)

First and second semesters. Prerequisite, Eng. 2 or 21, Eng. 3, 4 or Eng 5, 6 or an acceptable combination of the two are required of sophomores. Credit will not be given for more than 6 hours of work in 3, 4 and 5, 6. Practice in composition. An introduction to world literature, foreign classics being read in translation.

G. & P. 1. AMERICAN GOVERNMENT. (3)

Second semester, freshman year. This course is designed as the basic course in government for the American Civilization program, and it is a comprehensive study of governments in the U. S.—national, state, and local.

H. 5, 6. HISTORY OF AMERICAN CIVILIZATION. (3, 3)

First and second semester, sophomore year. Required for graduation of all students who entered the University after 1944-1945. An historical survey of the main forces in American life with emphasis upon the development of our democratic heritage. First semester from the colonial period through the Civil War. Second semester, since the civil war.

HEA. 120. METHODS AND MATERIALS IN HEALTH EDUCATION. (3)

First and second semester, senior year. This course considers various plans of teaching health in schools and elsewhere. Health education teaching methods and materials are evaluated with regard to their application to practical situations.

MATH. 0. BASIC MATHEMATICS. (0)

First and second semesters. Required for students whose curriculum calls for Math. 10 and who fail the qualifying examination for this course. Special fee, \$30.00. The fundamental principles of algebra.

MATH. 10. INTRODUCTION TO MATHEMATICS. (3)

First and second semester. Summer Sessions. Prerequisite: at least one unit of high school algebra and geometry; completion of high school algebra recommended. Open to students not majoring in mathematics, physical sciences, or engineering. Logics, sets, counting, probability; sequences, sums; elementary algebraic and transcendental functions and their geometric representation; systems of linear equations, vectors, matrices.

MICROB. 1. GENERAL MICROBIOLOGY. (4)

First or second semester, sophomore year. Two lectures and two two-hour laboratory periods a week. Laboratory fee, \$15.00. The physiology, culture, and differentiation of micro-organisms. Fundamental principles of microbiology in relation to man and his environment.

MICROB. 101. PATHOGENIC MICROBIOLOGY. (3 or 4)

Second semester. Laboratory fee, \$15.00. The role of microorganisms in the diseases of man and animals with emphasis upon the differentiation and culture of microorganisms, types of disease, modes of disease transmission, prophylactic, therapeutic and epidemiological aspects.

NURS. 7. NURSING II. (2)

Designed to acquaint the student with the social, cultural, medical and nursing problems of a hospitalized patient. Attention is given to the development of skills in nurse-patient relationships and in selected activities of nursing care. (Staff.)

NURS. 8. NURSING I. (2)

First or second semesters, freshman year. A course designed to acquaint the student with the factors to be considered in the health or sickness of the individual as they affect the family and community relationships. The role of the nurse in the modern concept of nursing in world health and social development is interpreted. (Hayes.)

NURS. 102. MEDICAL AND SURGICAL NURSING I. (10)

First and second semester, junior year. The course is designed to assist the student to develop the basic knowledge, understanding, skill and appreciation essential for giving professional nursing care to patients with medical and surgical conditions. Emphasis is placed upon the patient's individuality, his roles as a member of the family and of the community. Principles of mental health are included in all nursing aspects. (Shubkagel, Staff.)

COURSE DESCRIPTIONS

NURS. 103. PHARMACOLOGY. (3)

First semester, junior year. Designed to help the student gain knowledge, understanding and an appreciation of the principles of chemo-therapy. The chemical and physiological action of drugs is studied in the classroom, the laboratory, and on the hospital wards. Emphasis is placed upon the properties, actions, therapeutic and toxic effect of drugs. (Musser, Staff.)

NURS. 105. MATERNAL AND CHILD NURSING. (10)

First or second semester, junior year. This course is designed to assist the student to acquire knowledge, understanding and appreciation of maternal and child nursing which will enable her to develop skill in working with children, parents and others who provide services to the family. (Hydorn, Reed, Staff.)

NURS. 150. MEDICAL AND SURGICAL NURSING II. (5)

First and second semesters, senior year. Designed to assist the student to gain skill in the care of patients with specific medical, emotional and social problems such as the care of patients with tuberculosis and other long term illness. The learning experiences provide greater opportunity for the student to participate in the interdisciplinary activities concerning the care and treatment of people. (Zitkus, Koontz, Shubkagel.)

NURS. 151. NURSING OF CHILDREN. (5)

(For students from associated collegiate schools of nursing in the junior and senior year.) Designed to assist the student to acquire knowledge, understanding and skill in child care which will enable her to work with children, parents and others in providing service to the family. (Reed, Staff.)

NURS. 152. PSYCHIATRIC NURSING. (5)

First or second semester, senior year. Designed to assist the student to acquire knowledge and understanding of interpersonal relationships, group dynamics, techniques of problem solving and skills of communication. Learning experiences are planned to give the student opportunities to participate in interdisciplinary treatment programs and to develop those abilities necessary to give nursing care to individual and groups of psychiatric patients in clinical settings, representative of small intensive treatment centers and large state hospitals. (Hale, Staff.)

NURS. 153. PUBLIC HEALTH. (2)

First and second semester, senior year. A knowledge and understanding of public health; its history and functions in the community and in the world in general. (Wohlsen, Farber, Beard.)

NURS. 154. PRINCIPLES OF MANAGEMENT IN A NURSING UNIT. (2)

Second semester, senior year. The course considers the elementary principles of administration; and the interrelationships of the various departments of health agencies. It deals with the position of the supervisor, staff nurse and other members of the nursing team. Methods of supervision and evaluation of clinical work are included. (Slacum.)

NURS. 155. SURVEY OF PROFESSIONAL NURSING. (2)

Second semester, senior year. Designed to assist the student to acquire a knowledge and understanding of those social and economic trends which influence professional nursing, World Health Organization, nursing organizations, national and international. (Conley.)

NURS. 156. PUBLIC HEALTH NURSING. (5)

First and second semesters, senior year. This course is designed to assist the students in the application of knowledge, understanding, and appreciation of the principles and scope of public health nursing and to prepare them to carry out staff nursing activities in an organized public health nursing agency.
(Wohlsen, Staff.)

NURS. 158. BIO-STATISTICS. (3)

First and second semester, senior year. Purpose is to orient the student in the proper interpretation of observational data, and to evaluate quantitative aspects of medical literature.
(Tayback.)

NURS. 159. CLINICAL PRACTICUM. (2)

This course is designed to assist the registered professional nurse in applying her knowledge, understanding and skills in the care of selected patients with complex nursing problems.
(Zitkus, Staff.)

NURS. 189. ELECTIVES WORKSHOPS AND INSTITUTES. (1-6)

Participation in Workshops and Institutes in various aspects of nursing such as Cardio-Vascular Nursing, Nursing Administration and Clinical Teaching, Rehabilitative Nursing and others.
(Staff.)

NURS. 199. PRO-SEMINAR. (2)

This course is designed to provide knowledge and understanding of current trends in nursing.
(Zitkus, Staff.)

NURS. 201. TRENDS OF HIGHER EDUCATION IN NURSING. (2)

First semester. The central objective of this course is to bring to the student in nursing education a knowledge and an understanding of the current status of nursing in institutions of higher learning and what nursing must have as a goal before it can become a universally accepted profession.
(Conley.)

NURS. 202. INTERPERSONAL INTERACTION. (2)

First semester. One lecture and one two-hour laboratory period a week. The course is primarily concerned with the application of psychodynamics and psychoanalytic understandings to the nurses relationships with patients.
(Carl, Eischler.)

NURS. 203. NURSING IN SOMATIC THERAPIES. (2)

Second semester. This course is planned to provide (1) increased knowledge and understanding of neuro-physiological aspects of behavior of the psychiatric patient and (2) increased ability in application of mental health concepts to the nursing care of patients in all clinical areas.
(Cohelan, Miller.)

NURS. 204, 205. PSYCHIATRIC NURSING. (2, 2)

First and second semesters. One lecture and two four-hour laboratory periods a week. The course includes dynamics of human behavior, including formation of personality, the techniques of problem solving and the skills of communication in relation to therapeutic nursing care of psychiatric patients.
(Carl, Cohelan.)

NURS. 206. PHILOSOPHICAL CONCEPTS IN HEALTH. (2)

Second semester. Two-hour lecture a week. The course is planned with a contemporary approach to the problem of philosophical concepts in health.

COURSE DESCRIPTIONS

The discussions begin with general considerations and progress to the application of these concepts to more specific situations. (Staff.)

NURS. 207, 208. NURSING IN CHILD HEALTH SERVICES. (2, 2)

First and second semesters. One lecture and two four-hour laboratory periods a week. This course is concerned with extensive knowledge and understanding of the place of nursing in the society's total program of child health services and increased skill in the nursing of children. (Reed.)

NURS. 209, 210. NURSING IN MATERNAL AND NEWBORN SERVICES. (2, 2)

First and second semester, one lecture and two four-hour laboratory periods a week. This course is concerned with extensive knowledge and understanding of maternal care and the opportunity to make application in varying nursing situations which relate to the patient, to the family and to the community. (Hydorn.)

NURS. 211. SEMINAR IN MATERNAL AND CHILD HEALTH SERVICES. (2)

Second semester. One two-hour period a week. This course is concerned with understanding and purposeful application of maternal and child health nursing as it normally exists within the family. The influence of the nurse on maternal and child health is traced through the many institutions and agencies where she contacts the mother and child, or the family as a whole. (Hydorn, Reed.)

NURS. 212, 213. MEDICAL AND SURGICAL NURSING. (2, 2)

First and second semester. One lecture and two four-hour laboratory periods a week. Nurs. 212 is available during the Fall Semester and is prerequisite to Nurs. 213 which is available during the Spring Semester. The selected course activities are arranged by each student and a teacher to comprise a program of study which will best prepare the student for the purposive improvement of medical and surgical nursing practice. (Hosfeld, De Haven.)

NURS. 215. NURSING CARE OF THE EMOTIONALLY DISTURBED PRE-SCHOOL CHILD. (2)

Second Semester. One lecture and two four-hour laboratory periods a week. Requisite-Concurrent enrollment in Nurs. 208—Nursing in Child Health Services (2). This course is designed to extend the knowledge and understanding of the graduate nurse at the Master's level in the principles of management and guidance of the emotionally disturbed pre-school child. Learning experiences will include guided observations, staff consultations and seminars to acquaint nurses with the professional activities of a Therapeutic Pre-School Center. (Reed, Kanner.)

NURS. 220, 221. PUBLIC HEALTH NURSING. (2, 2)

First and second semesters. One lecture and two four-hour laboratory periods a week. This course is designed to extend knowledge, understanding, and competencies of the nurse at the master's level in comprehensive public health nursing, including total planning to meet the health needs of individuals and families in the community. Learning experiences will include selected clinical observations and participation in public health nursing, selected activities such as community health conferences, and interdisciplinary health consultations in a variety of community health settings. (Borlick.)

NURS. 222. PUBLIC HEALTH ADMINISTRATION. (2)

First semester. Two-hour lecture a week. This course is designed to extend knowledge and understanding of the nurse at the Master's level of the principles of organization and administration of public health services, including budgeting, program planning, coordination, interpersonal relationships, and medical care practices, so as to increase the competencies of practice in teaching or supervising public health nursing. (Borlick, Beard.)

NURS. 250. COMPREHENSIVE NURSING OF CHILDREN WITH PSYCHIATRIC DISORDERS. (4)

First Semester. Two two-hour lectures and four four-hour laboratory periods a week. Prerequisite—Nurs. 202—Interpersonal Interaction (2) and Nurs. 204-205—Psychiatric Nursing (2, 2).

This course includes planning and implementation of nursing care of children who are mentally ill and who are receiving intensive care in a residential treatment center. Learning experiences include seminars in psychodynamic theory of mental illness of children, intensive nursing-child relationships, working as a member of a psychiatric interdisciplinary team, establishing, maintaining, and providing continuity of therapeutic relationships in the home setting with families of the children who are receiving treatment. (Charlton, Staff.)

NURS. 251. NURSING OF PRE-SCHOOL CHILDREN WITH DEVIATE BEHAVIOR. (4)

Second semester. Two two-hour lectures and four four-hour laboratory periods a week. Prerequisite—Nurs. 250—Comprehensive Nursing of Children with Psychiatric Disorders (4). This course includes guided observation and participation with individual and groups of disturbed pre-school children who attend the Children's Guild, Inc. Learning experiences include participation in psychological consultations and staff conferences, analysis and evaluation of problems of individual children and group therapy. Each student receives individual guidance throughout the course. (Charlton, Kanner.)

NURS. 252. NURSING OF CHILDREN WITH NORMAL BEHAVIOR. (2)

Second Semester. One lecture and one two-hour laboratory period a week. This course provides a basis of comparison of the behavior of pre-school children with deviate and normal behavior. Learning experiences will be provided at the Children's Guild, Inc., and will include guide observation of normal childhood play and learning in the nursery, kindergarten, and day care centers. Laboratory study of normal physical and motor development, social relationships, language skills, the meaning of play, and use of intellectual and creative media. (Charlton, Kanner)

NURS. 285. CURRICULUM DEVELOPMENT IN NURSING. (2)

First Semester. Two hour lecture a week. Prerequisite: Psych. 110—Educational Psychology (3) or its equivalent. This course is designed to assist the student in curriculum planning, improvement, and evaluation including the formulation of objectives and the selection and organization of content and learning activities in nursing education. (Marriott, Hovet.)

NURS. 286. RESEARCH METHODS AND MATERIALS IN NURSING. (2)

First semester. One two-hour lecture or conference period a week. The course deals with basic understandings of philosophical aspects as they relate to re-

COURSE DESCRIPTIONS

search, including the nature of scientific thinking, methods of research, and research literature in nursing. (Gipe, Carl.)

NURS. 287. SEMINAR IN NURSING—ADMINISTRATION TEACHING, OR SUPERVISION. (2)

Second semester. The purpose of this course is to develop the necessary knowledge, understanding, and skill in instruction or supervision in nursing. (Marriott, Hall, Whitbeck.)

NURS. 288S. SPECIAL PROBLEMS IN NURSING. (1-6)

Prerequisites, Nurs. 204-205; or Nurs. 207-208; or Nurs. 209-210. The major objective of this course is to develop further clinical and research competencies in selected students who have completed a graduate core of clinical nursing. Registration upon consent of adviser. (Staff.)

NURS. 290. ADMINISTRATION IN NURSING. (3, 3)

The purpose of this course is to provide opportunities for professional nurses, with experience in teaching in schools of nursing and/or nursing services, to gain further competence, through planned study and experience, in the area of nursing administration. If previous preparation in teaching or supervision in some clinical area is inadequate, student will be obliged to select graduate courses in the area of nursing administration. If previous preparation in teaching or supervision in some clinical area is inadequate, student will be obliged to select graduate courses in the area of Psychiatric Nursing, Maternal and Child Health Nursing, or Medical and Surgical Nursing. (Gipe, Staff.)

NURS. 399. RESEARCH-THESIS. (1-6)

(Staff.)

NUT. 123. NUTRITION FOR HEALTH SERVICES. (3)

Second Semester. Prerequisite, Nut. 10 or the equivalent. A scientific study of nutritional status and the effect of food habits and food consumption on family health. Nutritional requirements for individuals in different stages of development. Techniques and procedures for the application of nutrition knowledge with consideration of various economic levels and social backgrounds. For graduate nurses, dietitians, health teachers and social workers.

NUT. 124. SCIENCE OF NUTRITION. (3)

First Semester. Prerequisite, consent of department; Zool. 1; Biochem. 81, 82 or concurrent. Laboratory fee, \$10.00. Two lectures and one two-hour laboratory. The progress of nutrition as found in the results of current research, with emphasis on interpretation and application.

P. E. 6. DANCE. (1)

First and second semesters, sophomore year. Three hours a week. Laboratory fee, \$6.00. Students may elect one of the following: folk and square, social, beginning modern, intermediate modern, dance composition. This area offers the student a variety of opportunities in the field of dance. The courses included give instruction in skill, style, and the creative aspect of dance and are designed to increase enjoyment, appreciation and understanding of dance.

P. E. 8. SPORTS. (1)

First and second semesters, sophomore year. Three hours a week. Laboratory fee, \$6.00. This area includes team and individual sports, recreational games, and out-door education. Students may elect from the following; archery, bad-

COURSE DESCRIPTIONS

minton, basketball, bowling, camping and outing, canoeing, fencing, fishing, golf, hockey, recreational games, riding (see note), sailing, softball, tennis, trampoline, stunts and tumbling, and volleyball. These courses are planned to improve the skill of the individual and to increase enjoyment as a spectator and/or a participant.

P. E. 160. THEORY OF EXERCISE. (3)

Second semester, junior year. An application of selected aspects of physical and biological sciences to fatigue, relaxation, uses of exercise; the corrective therapy aspect of physical and mental rehabilitation; sports for the handicapped; and prevention and care of athletic injuries.

PSYCH. 1. INTRODUCTION TO PSYCHOLOGY. (3)

First and second semesters. This course may be taken as Elective Group I of the American Civilization Program. A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution. (McGinnies and Staff.)

PSYCH. 110. EDUCATIONAL PSYCHOLOGY. (3)

Prerequisite, Psych. 1 or equivalent. Researches on fundamental psychological problems encountered in education. Measurement and significance of individual differences; learning, motivation, transfer of training and the educational implications of theories of intelligence.

SOC. 1. SOCIOLOGY OF AMERICAN LIFE. (3)

First semester, freshman year. Sociological analysis of the American social structure; metropolitan, small town, and rural communities; population distribution, composition, and change; social organization.

SOC. 105. CULTURAL ANTHROPOLOGY. (3)

First semester, junior year. A survey of the simpler cultures of the world, with attention to historical processes and the application of anthropological theory to the modern situation.

SOC. 145. SOCIAL CONTROL. (3)

Forms, mechanisms, and techniques of group influence on human behavior; problems of social control in contemporary society.

SOC. 164. THE FAMILY AND SOCIETY. (3)

First and second semester, senior year. Prerequisite, Soc. 1 and Soc. 105. Study of the family as a social institution; its biological and cultural foundations, historic development, changing structure and function; the interactions of marriage and parenthood, disorganizing and reorganizing factors in present day trends.

SOC. 166. INTERVIEWING AND PROBLEM SOLVING IN SOCIAL WORK. (3)

Prerequisite, Soc. 131 (may be taken concurrently). The principles of interviewing and other diagnostic techniques as applied to social problems with particular reference to family and child behavior.

SOC. 171. FAMILY AND CHILD WELFARE. (3)

Programs of family and child welfare agencies; social services to families and children; child placement; foster families.

Note: A special fee of \$26.00 is charged for riding instruction.

COURSE DESCRIPTIONS

SOC. 183. SOCIAL STATISTICS. (3)

First and second semesters. Prerequisite, Soc. 1, or its equivalent. Measures of central tendency and dispersion, use of statistical inference in simple testing of null hypotheses, chi square, and labor saving computational devices for correlation.

SOC. 186. SOCIOLOGICAL THEORY. (3)

First and second semesters. Prerequisites, Soc. 1, or its equivalent. Development of the science of sociology; historical backgrounds; recent theories of society.

SOC. 241. PERSONALITY AND SOCIAL STRUCTURE. (3)

First semester. Comparative analysis of the development of human nature, personality, and social traits in select social structures.

SOC. 257. SOCIAL CHANGE AND SOCIAL POLICY. (3)

First semester. Emergence and development of social policy as related to social change; policy-making factors in social welfare and social legislation.

SOC. 264. THE SOCIOLOGY OF MENTAL HEALTH. (3)

First semester. A study of the sociological factors that condition mental health together with an appraisal of the group dynamics of its preservation.

SP. ED. 171. CHARACTERISTICS OF EXCEPTIONAL CHILDREN. (3-6)

A. Mentally Retarded. B. Gifted.

Studies the diagnosis, etiology, physical, social and emotional characteristics of exceptional children. Describes how the educational program should be modified to utilize the full capacity of these children.

SP. ED. 172. EDUCATION OF EXCEPTIONAL CHILDREN. (3-6)

A. Mentally Retarded. B. Gifted.

Prerequisite, Sp. Ed. 171 or equivalent. Offers practical and specific methods of teaching exceptional children. Selected observation of actual teaching may be arranged.

SPEECH 1. PUBLIC SPEAKING. (3)

First and second semesters. Prerequisite for advanced Speech courses. Laboratory fee, \$1.00. The preparation and delivery of short original speeches; outside readings; reports, etc. It is recommended that this course be taken during the freshman year.

SPEECH 7. PUBLIC SPEAKING. (2)

Each semester. Laboratory fee, \$1.00. The preparation and delivery of speeches on technical and general subjects.

SPEECH 103. SPEECH COMPOSITION AND RHETORIC. (3)

A study of rhetorical principles and models of speech composition in conjunction with the preparation and presentation of specific forms of public address.

ZOOL. 1. GENERAL ZOOLOGY. (4)

First and second semesters. Two lectures and two 2-hour laboratory periods per week. Laboratory fee, \$8.00. Zool. 1 and Zool. 2 satisfy the freshman pre-medical and nursing requirements in general biology. This course, which is cultural and practical in its aim, deals with the basic principles of animal life and special emphasis is placed on human physiology.

ZOOL. 14, 15. HUMAN ANATOMY AND PHYSIOLOGY. (4, 4)

First and second semesters, sophomore year. Two lectures and two laboratory periods a week. Prerequisite, one course in zoology. Zool. 14 is a prerequisite for Zool. 15. Laboratory fee, \$8.00 each semester. For students who desire a general knowledge of human anatomy and physiology.

ZOOL. 55. DEVELOPMENT OF THE HUMAN BODY. (2)

First semester. Five lectures a week. A study of the main factors affecting the growth and development of the child with special emphasis on normal development. A requirement for diploma graduates and others who have insufficient number of credits in the physical sciences.

THE FACULTY - 61 -

Omitted:
Administrative Officers
Clinical Assistants
Visiting Professors &
Lecturers

Administrative Officers

WILSON H. ELKINS, *President of the University of Maryland*
B.A., M.A., B.Litt, D.Phil.

ALBIN O. KUHN, *Executive Vice President*
B.S., M.S., Ph.D.

R. LEE HORNBAKE, *Vice President for Academic Affairs*
B.S., M.S., Ph.D.

FLORENCE M. GIPE, *Dean of the School of Nursing*
R.N., B.S., M.S., Ed.D.

W. H. TOWNSHEND, *Director of Student Health*
M.D.

Faculty - 42

BAER, Martha, Assistant Professor of Public Health Nursing
Diploma in Nursing, Mennonite Hospital School of Nursing, R.N., 1925; B.S., Catholic University of America, 1938; C.P.H.N., University of Pennsylvania, 1951.

BURCHETT, Janet E., Instructor of Maternal and Child Nursing
R.N., B.S., University of Maryland, 1961.

BORLICK, Martha M., Chairman, Graduate Division of Public Health Nursing
R.N., B.S., Catholic University of America, 1949; C.P.H.N., Catholic University of America, 1951; M.A., Teachers College, Columbia University, 1954.

✓ CARL, Mary K, Professor of Nursing and Chairman of Graduate Programs
Diploma in Nursing, Maryland General Hospital School of Nursing, R.N., 1940; B.S., Johns Hopkins University, 1946; Ph.D., University of Maryland, 1951.

CARDELLINO, Hector J., Instructor of Urology
R.N., B.S., University of Maryland, 1961.

CHARLTON, Arlyn, Assistant Professor of Psychiatric Nursing
B.S., St. Lawrence University, 1950; B.S., Cornell University School of Nursing, R.N., 1953; M.S., University of Maryland, 1959.

CLUSTER, Peggy F., Instructor of Elementary Education
A.B., Goucher College, 1942; M.Ed., Goucher College, 1961.

✓ COHELAN, Evelyn E., Associate Professor of Psychiatric Nursing
Diploma in Nursing, Mounts-Midway School of Nursing, R.N., 1938; B.S., University of California, Berkeley, 1951; M.S., 1953; Ed.D., 1963.

✓ CONLEY, Virginia C., Associate Professor of Nursing and Chairman of Undergraduate Program in Nursing
Diploma in Nursing, University of Maryland, R.N., 1940; B.S., University of Maryland, 1940; M.A., 1953.

FACULTY

- DEHAVEN, Anna Lee, Assistant Professor of Medical and Surgical Nursing
 Diploma in Nursing, University of Maryland, R.N., 1946; B.S.N.ED., 1958; M.S.,
 University of Maryland, 1961.
- DIRKES, Lois Margaret, Instructor of Psychiatric Nursing
 R.N., B.S., University of California, 1958; M.S., University of Maryland, 1963.
- DOUGHERTY, Anne L., Assistant Professor of Public Health Nursing
 A.A., Mt. St. Agnes College, 1941; Diploma in Nursing, Mercy Hospital School of
 Nursing, R.N., 1944; B.S.P.H.N., Catholic University of America, 1947; M.P.H.,
 University of North Carolina, 1957.
- DY, Mary Rita, Instructor of Medical-Surgical Nursing
 Diploma in Nursing, St. Francis Hospital School of Nursing; R.N., 1947; B.S.,
 St. Louis University, 1959; M.S., Washington University, 1963.
- ✓ DYSON, Ruth L., Associate Professor of Nutrition
 B.S., Michigan State University, 1939; M.S., Western Reserve University, 1952.
- GAARE, Isabelle, Instructor of Psychiatric Nursing
 Diploma in Nursing, Georgetown University, R.N., 1938; B.S. in Public Health
 Nursing, Catholic University of America, 1944; M.S., University of Maryland,
 1963.
- ✓ GIPE, Florence M., Professor of Nursing and Dean of the School of Nursing
 Diploma in Nursing, York Hospital, R.N., 1919; B.S., Catholic University of
 America, 1937; M.S., University of Pennsylvania, 1940; ED.D., University of
 Maryland, 1952.
- GROTEFEND, Mary E., Assistant Professor of Public Health Nursing
 Diploma in Nursing, Bethany Hospital School of Nursing, R.N., 1931; A.B.,
 Baker University, 1934; M.S., Catholic University of America, 1944; C.P.H.N.,
 1952.
- HADDON, Janice F., Instructor, Maternal and Child Nursing
 R.N., B.S., University of Virginia, 1956; M.S., University of Maryland, 1962.
- HALE, Shirley L., Assistant Professor of Psychiatric Nursing
 Diploma in Nursing, Johns Hopkins Hospital School of Nursing; R.N., 1953; B.S.,
 N.Ed., University of Pennsylvania, 1957; M.S., University of Maryland, 1960.
- HALL, May B., Assistant Professor of Psychiatric Nursing
 R.N., Hospital of St. Barnabas, 1939; B.S., N.ED., University of Marquette, 1951;
 M.S., Boston University, 1953.
- HICKEY, Mary Jane, Instructor of Medical-Surgical Nursing
 R.N., B.S., University of Maryland, 1962; M.S., University of Maryland, 1963.
- ✓ HAYES, Margaret L., Associate Professor of Nursing and Assistant to Dean, College
 Park Division
 Diploma in Nursing, Sherman Hospital School of Nursing, R.N., 1936; B.S.,
 Vanderbilt University, 1943; M.S., Catholic University of America, 1947.

FACULTY

- ✓HOSFELD, Carol M., Associate Professor of Medical and Surgical Nursing
Diploma in Nursing, University of Maryland, R.N., 1950; B.S., 1952; M.S.,
University of Pennsylvania, 1956.
- ✓HYDORN, Marguerite E., Associate Professor of Maternal and Child Nursing
Diploma in Nursing, Saginaw General Hospital, R.N., 1941; B.S., Wayne Uni-
versity, 1951; M.ED., University of Maryland, 1954; Certificate in Nurse Midwifery,
Maternity Center, New York, and The Johns Hopkins Hospital, 1961.
- ✓JUSTICE, Dorothy M., Instructor and Chairman of Practical Nurse Curriculum
R.N., B.S., University of Maryland, 1949; M.S., University of Maryland, 1962.
- KAETZEL, Joyce F., Instructor of Maternal and Child Nursing
R.N., B.S., University of Maryland, 1958; M.S., University of Maryland, 1959.
- KOONTZ, Frances P., Assistant Professor of Tuberculosis Nursing
R.N., Overlook Hospital School of Nursing, 1948; B.S., Seton Hall University,
1954; M.S., Catholic University of America, 1961.
- ✓MARRIOTT, Lois W.,
A.B., Greensboro College, 1931; Diploma in Nursing, Monmouth Memorial
Hospital, School of Nursing, R.N., 1935; M.Ed., University of Maryland, 1950.
- MCCOY, Mary T., Instructor, Maternal and Child Nursing
R.N., B.S., Mount St. Agnes College, 1961; M.S., University of Maryland, 1963.
- MILLER, Carl, Assistant Professor of Medical and Surgical Nursing
B.S., Washington Missionary College; R.N., 1959; M.S., University of Maryland,
1960.
- MOSELEY, Helen Jewell, Instructor of Medical-Surgical Nursing
Diploma in Nursing, Provident Hospital School of Nursing, R.N., 1955; B.S.,
University of Maryland, 1958; M.S., University of Maryland, 1963.
- NAUGHTON, Alice J., Instructor of Psychiatric Nursing
Diploma in Nursing, Freedman's Hospital School of Nursing, R.N., 1951; B.S.,
The Catholic University of America, 1959; M.S., University of Maryland, 1963.
- OREM, Patricia A., Instructor of Maternal and Child Nursing
Diploma in Nursing, Union Memorial Hospital School of Nursing, R.N., 1950;
B.S., McCoy College, Johns Hopkins University, 1956; M.S., University of Mary-
land, 1959.
- ✓REED, Frances T., Associate Professor of Maternal and Child Nursing
Diploma in Nursing, Griffin Hospital School of Nursing, R.N., 1935; B.S.,
Catholic University of America, 1940; M.ED., University of Maryland, 1952.
- ROEDER, Lucile Lane, Instructor of Child Psychiatry
Diploma in Nursing, Sinai Hospital School of Nursing, R.N., 1937; B.S., Uni-
versity of Maryland, 1960; M.S., University of Maryland, 1963.
- SCANLAN, Elizabeth H., Instructor of Cardiovascular Nursing
R.N., B.S., Mt. St. Agnes College; M.S., University of Maryland, 1961.

- SHUBKAGEL, Betty, Assistant Professor of Medical and Surgical Nursing
R.N., B.S., University of Maryland School of Nursing, 1954; M.N., Emory University, 1957.
- ✓ SLACUM, Eleanor L., Assistant Professor and Assistant to the Dean
Diploma in Nursing, Cambridge-Maryland General Hospital School of Nursing, R.N., 1928; B.S., University of Maryland, 1951; M.S., University of Maryland, 1961.
- WHITBECK, Helen M., Assistant Professor of Psychiatric Nursing
Diploma in Nursing, New Jersey State Hospital, R.N., 1933 B.S., Marquette University, 1951; M.S., Boston University, 1953.
- WICKHAM, Frances A., Assistant Professor of Public Health Nursing
Diploma in Nursing, Johns Hopkins Hospital School of Nursing, R.N., 1941; B.S., Catholic University of America, 1947; M.S., 1957.
- ✓ WOHLSEN, Kathryn S., Associate Professor of Public Health Nursing
B.A., Flora Stone Mather College of Western Reserve University, 1938; M.N., Frances Payne Bolton School of Nursing of Western Reserve University, R.N., 1941; M.A., Teachers College, Columbia University, 1947.
- ✓ ZITKUS, Cecilia M., Associate Professor, Rehabilitative Nursing
A.B., Ursuline College, 1940; Diploma in Nursing, St. Alexis School of Nursing, R.N., 1943; M.A., University of Maryland, 1954.

Clinical Assistants - 8

- DAVIS, Barbara J., Assistant Instructor
Diploma in Nursing, Mt. Carmel Hospital, School of Nursing, R.N., 1952.
- FRANK, Roberta Margaret, Assistant Instructor of Rehabilitation Nursing
Diploma in Nursing, Bon Secours Hospital School of Nursing, R.N., 1961; B.S., University of Maryland, 1963.
- HALL, Ann Elizabeth, Assistant Instructor of Medical-Surgical Nursing
Diploma in Nursing, University of Rochester, R.N., 1961; B.S., University of Maryland, to be conferred February 1964.
- HALL, Donna L.,
R.N., B.S., University of Maryland, 1963.
- INGLE, Catherine O., Assistant Instructor, Cardiac Catheterization
R.N., B.S., University of Maryland, 1961.
- KELLER, Mary A., Assistant Instructor, Medical Surgical Nursing
Diploma in Nursing, University of Maryland, R.N., 1951; B.S., University of Maryland, 1962.
- LARSEN, Karin Elizabeth, Assistant Instructor of Maternal and Child Health Nursing
R.N., B.S., University of Maryland, 1963.
- LEATHER, Patricia K., Assistant Instructor, Cardiovascular Nursing
R.N., University of Maryland, 1956.

FACULTY

Part Time Faculty - 11

BRAUCHER, Pela, Associate Professor of Food and Nutrition
M.S.

BROWN, Ann Virginia, Instructor in Biological Chemistry
A.B.

DUDA, George D., Instructor in Biological Chemistry
Ph.D.

JOHNSON, Warren R., Professor of Physical Education and Health
Ed.D.

HUMPHREY, James H., Professor of Physical Education and Health
Ed.D.

MASSEY, Benjamin H., Professor of Physical Education
Ph.D.

RAFFERTY, Francis Jr., Professor of Psychiatry, Head of the Department of Child
Psychiatry, School of Medicine
M.S., M.D.

TAYBACK, Matthew, Assistant Professor of Biostatistics, Assistant Commissioner of
Health for Research and Planning, Baltimore City Health Department
S.C.D.

TERRY, Doris, Assistant Professor of Health Education
B.S., M.S., M.P.H.

VIEGA, Mariano, Assistant Professor of Psychiatry, School of Medicine
B.S., M.D.

WISSEMAN, Charles L., Jr., Professor of Microbiology
M.S., M.D.

Visiting Professors and Lecturers

BASS, Bernice, Counseling, Chief, Counseling Service, Children's Guild
M.S.W.

BEACHAM, Edmund G., Assistant Professor of Medicine and Chief of Tuberculosis
Division, Baltimore City Hospitals
M.D.

BEARD, Howard J., Health Officer, Anne Arundel County
M.D., M.P.H.

BOWEN, Murray, Clinical Instructor of Psychiatry
M.D., University of Tennessee, 1937; B.S., 1937.

BRADLEY, Edmund J., Professor of Pediatrics
M.D.

FACULTY

- BRODY, Eugene B., Professor of Psychiatry and Chairman of Department School of Medicine, Director of the Psychiatric Institute
M.D.
- BURNETTE, Florence, Mental Health Consultant, Division of Public Health Nursing, Maryland Department of Health
R.N., M.A.
- BUXTON, Robert W., Professor of Surgery, Head of the Department of Surgery
A.B., M.S., M.D.
- COWLEY, R. Adams, Associate Professor of Thoracic Surgery
M.D.
- DORSEY, Brice, Professor of Oral Surgery
D.D.S.
- DOWLING, Alexander S., Associate Professor of Preventive Medicine
A.B., M.D.
- EICHLER, Myron F., Instructor of Psychiatry
B.S., M.D.
- ENTWISLE, George, Professor of Preventive and Rehabilitative Medicine
B.S., M.D.
- FARBER, Robert E., Commissioner of Health, Baltimore City
M.D., M.P.H.
- FIGGE, FRANK H., Professor of Anatomy
Ph.D.
- FORSTER, Irving A., Instructor of Psychiatric Social Work
M.S.W., Loyola University, 1956; B.A., Loras College, 1954.
- GINSBERG, Mrs. Dorothy, Supervising Teacher, The Children's Guild, Inc.
B.A.
- GINSBERG, Mrs. Leon M., Acting Educational Director, The Children's Guild, Inc.
B.A.
- GLASER, KURT, Clinical Instructor in Psychiatry, School of Medicine, University of Maryland
M.S., M.D.
- GLASSNER, Philip, Speech Therapist, Children's Guild, Inc.
M.A., Speech
- HASKINS, Arthur L., Jr., Professor of Obstetrics and Gynecology
M.D.
- HYMES, James, Professor of Education
B.A., M.A., Ed.D.

FACULTY

- KANNER, Leo, Professor Emeritus of Child Psychiatry and Honorary Consultant of the Johns Hopkins University School of Medicine-Staff of Children's Guild, Inc.
M.D. Psychiatry
- KRANTZ, John Jr., Professor of Pharmacology
Ph.D., D.Sc.
- LAMMERS, Ann, Instructor of Psychiatry
M.D., Creighton University, 1952; B.S., Duchesne College, 1948.
- LEVINE, Phillip J., Instructor in Pharmacology
B.S., M.S.
- LOURIE, Reginald S., Clinical Professor of Psychiatry
MED. SC.D., College of P. & S., 1942; M.D., L. I. College of Medicine, 1936;
B.S., Cornell University, 1930.
- MAHONEY, Florence I., Associate Professor of Physical Medicine and Rehabilitation
B.S., M.S., M.D.
- MOTT, Thurman, Clinical Instructor of Psychiatry
M.D., Northwestern University, 1952; B.S., 1950.
- NOSHPIITZ, Joseph D., Assistant Clinical Professor of Psychiatry
M.D., University of Louisville, 1945; B.A., 1943.
- PARTELLO, Sabina C., Assistant Professor of Psychiatric Social Work
M.S.S.W., Catholic University of America, 1943; B.S., University of Southern California, 1942.
- PHILLIPS, Frederick E., Clinical Instructor in Psychiatry
M.D., Wayne University, 1946; A.S., Eveleth Junior College, 1941.
- REIDY, Joseph J., Associate in Psychiatry, School of Medicine, University of Maryland
M.D.
- SANDERSON, Marjorie, Assistant Director, University Hospital
R.N., M.S., Ed.D., Teachers College, Columbia University
- STYRT, Mary O. Psychologist, The Children's Guild
B.S.
- STEIN, Elizabeth M., Instructor of Medical Psychology
Ph.D., Pennsylvania State University, 1954; M.A., 1952; B.A., Cornell University, 1950.
- TANEGA, Adoracion L., Instructor of Psychiatry
M.D., University of Philippines, 1955; M.A., 1950.
- TEPLITZ, Zelda, Associate Clinical Professor of Psychology
M.S., University of Illinois, 1943; M.D., 1942; B.S., University of Chicago, 1938.
- WESTON, Donald L., Assistant Professor of Medical Psychology
Ph.D., Boston University, 1958; M.A., 1954; A.B., University of Michigan, 1953.

FACULTY

WILDER, Robert J., Assistant Chief of Surgery, Baltimore City Hospitals
B.A., M.D.

WILSON, Kart T., Teacher II; B.S., Morgan State College, 1954.

WOODWARD, Theodore E., Professor of Medicine, Head, Department of Medicine
B.S., M.D., D.SC.

CHAIRMEN, STANDING AND SPECIAL COMMITTEES, FACULTY, SCHOOL OF NURSING

COMMITTEE ON CURRICULUM AND EVALUATION

Graduate Curriculum, Mary K. Carl
Undergraduate Curriculum, Virginia C. Conley
Practical Nurse Curriculum, Dorothy M. Justice

COMMITTEE ON FACULTY APPOINTMENTS AND PROMOTIONS

Evelyn E. Cohelan

COMMITTEE ON FACULTY RESEARCH

Anna L. De Haven

COMMITTEE ON FACULTY WELFARE

Patricia Orem

COMMITTEE ON IN-SERVICE EDUCATION

Frances F. Koontz

COMMITTEE ON PUBLIC RELATIONS

Betty Shubkagel

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