

# College of Nursing

The mission of the College of Nursing emerges from the mission of the university to provide a rigorous liberal education grounded in Judeo-Christian ideals and disciplined in the Jesuit tradition. Marquette University nursing students are prepared for lives of faith and service and to promote the worth of all persons, to assure professional competence, to respect the pursuit for truth, and to uphold a high standard of personal integrity. The faculty recognize their central responsibilities as influencing health, health care, and health care policy through quality instructional programs, generation and dissemination of nursing knowledge, active involvement in the community and the profession, and collaborative endeavors. Faculty recognize caring as essential to preparation for professional nursing practice. This preparation includes liberal and professional knowledge; clinical, cognitive and leadership skills; and personal and professional values.

---

## DEGREES OFFERED

Marquette University confers the degree bachelor of science in nursing on those students who have satisfactorily completed the prescribed curriculum of the College of Nursing.

The degrees master of science in nursing, doctor of philosophy, and doctor of nursing practice are offered through the Marquette University Graduate School. Several post-master's certificates are also offered. Details on the graduate programs in nursing are contained in the *Graduate Bulletin*.

---

## ADMISSION REQUIREMENTS

Applicants to the College of Nursing are expected to fulfill the admission requirements listed in the University section of this bulletin. Acceptance as a freshman in the College of Nursing assures placement in clinical nursing courses provided the student remains in good standing and follows the prescribed program plan.

Registered nurse applicants follow general admission procedures. Transcripts from nursing programs and/or colleges must be sent to the Office of Undergraduate Admissions. The applicant must be a graduate of a program accredited by the National League for Nursing Accrediting Commission or Commission on Collegiate Nursing Education, have a cumulative GPA of 2.500 or higher and be currently licensed to practice as a registered nurse. Transfer of credit will be based on individual evaluation.

Students who interrupt their academic program for two or more consecutive terms must meet the graduation requirements which prevail at the date of their readmission.

# GRADUATION REQUIREMENTS

## AMOUNT AND QUALITY OF WORK

A candidate for a baccalaureate degree in nursing must have completed 128 credits including all the requirements in the University Core of Common Studies (UCCS) and the College of Nursing curriculum. The candidate shall have earned quality points which equal at least two times the number of credit hours credited and shall have at least a 2.000 grade point average per term actually taken at Marquette.

## UNIVERSITY CORE OF COMMON STUDIES AND COLLEGE CURRICULUM REQUIREMENTS

The College of Nursing builds on the foundational educational experience provided by the University Core of Common Studies. It does this through a college curriculum that amplifies and deepens the knowledge, skills, and values imparted to students in the nine knowledge areas of the UCCS. Nursing students are required to complete 128 credits for the Bachelor of Science in Nursing Degree.

<b>Rhetoric (R)</b> ENGL 1001 and ENGL 1002 ARE REQUIRED.	<b>6 credits</b>
<b>Mathematical Reasoning (MR)</b> All UCCS courses accepted; Statistics recommended for students considering graduate education.	<b>3 credits</b>
<b>Individual and Social Behavior (ISB)</b> PSYC 1001, PSYC 2101, and SOCI 2200 ARE REQUIRED.	<b>9 credits</b>
<b>Diverse Cultures (DC)</b> HEAL 1025* IS REQUIRED.	<b>3 credits</b>
<b>Literature and Performing Arts (LPA)</b> All UCCS courses accepted for college curriculum credit.	<b>3 credits</b>
<b>Histories of Cultures and Societies (HCS)</b> All UCCS courses accepted for college curriculum credit.	<b>3 credits</b>
<b>Science and Nature (SN)</b> BISC 1015 IS REQUIRED.	<b>5 credits</b>
<b>Human Nature and Ethics (HNE)</b> PHIL 1001 and PHIL 2310 ARE REQUIRED.	<b>6 credits</b>
<b>Theology (T)</b> THEO 1001 IS REQUIRED, and all UCCS courses accepted for remaining 3 credits.	<b>6 credits</b>
<b>General Electives</b>	<b>3 credits</b>
<b>Other Required Science Courses</b> BISC 1060, BISC 2070, and BISC 3115.	<b>9 credits</b>
<b>Nursing Major</b> NURS 1000, 2000, 2075, 2100, 3100, 2110, 3200, 3300 3301, 3150, 3400 3401, 3500, 3501, 4300, 4301, 4400 4401, 4500 4501, 4601, 4650, any NURS/HEAL elective, and HEAL 1025, 2045.	<b>75 credits*</b>

\*HEAL 1025 satisfies both UCCS and college curriculum requirements.

▲ Indicates UCCS courses in course descriptions.

## NURSING/PSYCHOLOGY DOUBLE MAJOR

The College of Nursing offers a double major to meet the interests of students who want to combine nursing and psychology. The program can be completed in four years requiring some summer course work. The curriculum plan indicating course requirements and sequencing is available from the College of Nursing, Clark Hall, (414) 288-3809.

## MINOR IN HEALTH STUDIES

The College of Nursing offers an 18-credit-hour minor in health studies open to all other undergraduate students at Marquette University. The minor is not available to students in the College of Nursing.

---

## ACADEMIC REGULATIONS

Students in the College of Nursing are expected to comply with the academic requirements and regulations listed in the University section of this bulletin.

## PROGRESSION

### GENERAL REQUIREMENTS

The following general requirements must be met for progression into and through the clinical portion of the nursing major.

- a. A grade of at least a CD is required in the following courses:
  - BISC 1060 – Chemistry for Health Professions
  - BISC 2070 – Biochemistry
  - BISC 1015 – Principles of Human Anatomy and Physiology
  - PSYC 1001 – General Psychology
- b. A grade of C or better is required in the following courses:
  - BISC 3115 – Microbiology
  - PSYC 2101 – Introduction to Life-span Developmental Psychology
  - PHIL 2310 – Theory of Ethics
  - SOCI 2200 – The Family (sociology)
- c. A grade of C or better (or S where applicable) in **all** required NURS and HEAL courses.
- d. A grade of D or better is required for all other required courses not listed above.
- e. Students must have a 2.000 cumulative grade point average to enroll in NURS 2000 or NURS 2075 and to continue to progress in the nursing program.
- f. Any I, X, IX grade which is not removed by the required time (see academic calendar) will be viewed as an F.
- g. A student who earns less than the required grades in two required courses as defined above will be required to withdraw from the College of Nursing.
- h. No required cognate or required nursing course may be repeated more than one time.
- i. Permission to repeat a required nursing course must be formally requested from the associate dean for undergraduate programs by the student, before beginning the repeated course.
- j. All students are required by the Undergraduate Program and Curriculum Committee to complete external, standardized, comprehensive nursing examinations as a condition of graduation. (Fee required for these examinations.)
- k. Students must meet health requirements as specified in the *Health Requirements for Undergraduate Students* found in this bulletin.
- l. Health reports, criminal background check and CPR certification must be on file in the office of the associate dean for undergraduate programs prior to attendance in classes for which these requirements are needed.
- m. The college has additional limitations for substitute repeat courses. (See *College of Nursing Undergraduate Student Handbook*.)

### PROGRESSION INTO NURS 2000

The following required courses or their equivalents must be completed prior to entering NURS 2000: BISC 1060 Chemistry for the Health Professions, BISC 2070 Biochemistry, BISC 1015 Principles of Anatomy and Physiology, PSYC 1001 General Psychology, NURS 1000 Dimensions of Professional Nursing; NURS 1000 (may be taken concurrently).

### PROGRESSION INTO NURS 2075

The following required courses or their equivalents must be completed prior to entering NURS 2075: NURS 2000 Health Assessment, BISC 3115 Microbiology and HEAL 2045 Normal and Therapeutic Nutrition.

### PROGRESSION INTO NURS 3100 THROUGH NURS 3501

The following required courses or their equivalents must be completed prior to entering courses NURS 3100 through NURS 3501: NURS 2075 Foundations of Nursing Practice, NURS 2100 Pathophysiology 1, NURS 2110 Pharmacotherapeutics for Nursing Practice, HEAL 1025 Culture and Health, PSYC 2101 Introduction to Life-span Developmental Psychology, SOCI 2200 The Family.

### PROGRESSION INTO NURS 4300 OR HIGHER NURSING COURSES

The following required cognate and nursing courses or their equivalents must be completed prior to entering NURS 4300 or higher nursing courses: NURS 3100 Pathophysiology 2, NURS 3200 Introduction to Nursing Research, NURS 3300 Nursing Care of Adults: Theory, NURS 3301 Nursing Care of Adults: Practicum, NURS 3400 Childbearing Family Nursing: Theory, NURS 3401 Childbearing Family Nursing: Practicum, NURS 3150 Essentials of Gerontological Nursing, NURS 3500 Mental Health Nursing: Theory, NURS 3501 Mental Health Nursing: Practicum.

All other required courses must be completed prior to graduation.

### WITHDRAWAL FROM THE NURSING PROGRAM

The following criteria are used in requiring a student to withdraw from the nursing program:

- a. If the student has earned less than the required grades in two required courses as defined in the general progression requirements.
- b. If the student has less than a 2.000 cumulative grade point average effective at the end of the freshman year or at any time thereafter.
- c. If the student's performance suggests that the student is unlikely to succeed in the program.

No student in nursing is required to withdraw without a careful review of his or her entire record and total overall performance as well as any extenuating circumstances that might exist. See the Appeals Procedure section for a description of the procedure for appealing a termination decision.

### ATTENDANCE

Attendance is mandatory in all scheduled classes and practica. (See Marquette University College of Nursing *Handbook* for further information.) In the event of absence, progress and continuation in the course may be at risk and will be considered individually. The reason for absence, academic performance of the student, past record of absenteeism, and other relevant factors will be considered. The student is required to provide prior notice to faculty of absence or tardiness. No student will be allowed to accumulate excessive absences before intervention by the faculty. A student may be asked to withdraw from a course with a laboratory or clinical practicum if the following absences or tardiness are exceeded.

Absence — Two absences from scheduled laboratory or clinical experience regardless of time involved or clinical allocation.

All clinical time is essential and absences will need to be made up. The faculty member will decide what learning assignments or experiences will be required of the student to achieve the course objectives. Make-up experiences may be arranged. Students are responsible for their own transportation to and from all clinical facilities.

A student may be asked to withdraw from a non-clinical nursing course if the following maximums are exceeded:

Absence

In a three-credit course, maximum of four class hours.

In a four-credit course, maximum of five class hours.

For additional information, see the attendance policy located in the University section of this bulletin.

## APPEALS PROCEDURE

### GRADE APPEALS

Undergraduate students may appeal any final course grade that the student believes to be in significant violation of clearly established written policies, a result of improper procedures, or discriminatory. Before initiating a formal grade appeal the student must consult with the instructor assigning the grade and present evidence why the student believes the grade to be in error. If this does not lead to resolution the student may initiate, in writing, a formal grade appeal. To be considered the written appeal must be submitted no later than the final day officially scheduled for the removal of incompletes, approximately four weeks after the beginning of the academic semester immediately following the term in which the grade was assigned. However, it may be in the student's best interest to appeal sooner than this deadline if his/her academic progress is dependent on the outcome of the appeal. In addition, the student should consult with the college or school offering the course for which the grade is being appealed to determine if other requirements for the written appeal are in force.

The written appeal must be submitted to the associate dean of the undergraduate program. The written appeal must provide the reason(s) the student believes the recorded grade is incorrect. The student may present evidence of his/her performance and may also request that all other pertinent materials be supplied by the instructor. The associate dean will collect and analyze the evidence in a timely manner. Evidence will be gathered through consultations with the instructor, the student and any witnesses. These consultations may be in person, by phone or by electronic means. Hard copies of relevant documents may also be requested. The associate dean will evaluate the appeal or choose to designate an ad hoc committee for this purpose.

If an ad hoc committee is appointed they will:

- a. consider written course work
- b. consult with the faculty member
- c. consult with the student
- d. deliberate in closed sessions, and
- e. make a recommendation regarding the appeal to the Associate Dean

The associate dean, or ad hoc committee, will consider the appeal and evidence and make one of the following decisions: the assigned grade should remain; the course instructor is asked to reconsider the grade in light of information collected and the reconsidered grade will stand; or a grade change is warranted. The decision will be communicated in writing within 30 days to the student and the instructor with copies of the formal response placed in the student's file and forwarded to the dean and any indicated grade changes filed with the registrar.

The student has the right to appeal the decision of the associate dean, or ad hoc committee, to the dean. This appeal must be submitted in writing no later than 14 days from the date of the formal response. The dean will review the procedural evidence, which now includes all the evidence previously gathered, the student's appeal letters and the formal response from the chair, associate dean, or ad hoc committee, and will render the final decision on the grade appeal. The decision will be communicated in writing within 30 days to the student and the instructor with copies of the formal response placed in the student's files and any indicated grade changes filed with the registrar.

### TERMINATION FROM THE PROGRAM

If a student does not meet criteria for progression the student will be required to withdraw or be terminated from the College of Nursing. A student who is asked to terminate from the program may submit a petition, in writing, to the Undergraduate Program and Curriculum Subcommittee on Progression requesting exemption from the stated policies or regulations of the program. The student is expected to identify the **unique, unusual or uncontrollable** circumstances which led to the petition and to formulate a plan to resolve issues. The petition is to be submitted within 10 days of notification of termination and before late registration. A student may petition the committee only once for a specific situation.

Once a decision has been made by the committee regarding the student's petition, a recommendation will be forwarded to the associate dean for undergraduate programs. The associate dean for undergraduate programs will make a decision based on the student's record and the committee's recommendation. The student will be notified of the associate dean's decision. If the student is dissatisfied with this decision, the final recourse within the College of Nursing is a petition to the dean.

## APPROVAL OF COURSES TAKEN ELSEWHERE

Except under special circumstances, students are not allowed to take courses at another institution during a semester they are enrolled at Marquette University. In such circumstances, the approval of the Associate Dean for Undergraduate Programs must be obtained before the course begins.

Students desiring to take summer courses at colleges or universities other than Marquette and transfer such courses toward their degree requirements at Marquette must first secure approval from the Associate Dean or Academic Advising Coordinator for Undergraduate Programs. The procedure and form may be obtained at the college office. Forms must be completed by the student and approved by the Associate Dean or Academic Advising Coordinator **prior** to the student enrolling for courses. If prior approval is not obtained, there is **no guarantee** that credits earned will be accepted by Marquette University. Students must earn a grade of at least C in order for the course to be transferable. Transcripts with the school seal must be sent directly from the school in which the course(s) are taken to the Marquette University Office of The Registrar after successfully completing the course. Normally, such transcripts should be received before the student enrolls for the next semester at Marquette. If a student takes approved course work at another institution at any time during their Marquette career, **particularly in their final semester at Marquette**, the final transcripts must be received by Marquette by the “last day to receive official transcripts”, as listed on the academic calendar in order to graduate.

## SPECIAL AND HEALTH REQUIREMENTS

Prior to beginning clinical practicum courses, students must meet the following requirements:

- A. Health assessment and physical examination.
  1. A health history including a history of communicable disease and immunizations,
  2. A physical examination by a physician or advanced practice nurse practitioner indicating whether the student's health status is satisfactory to continue in the nursing program, and
  3. A statement from the student regarding his/her communicable disease status will be on file.
- B. Rubella (German Measles).  
Each student must have documentation of immunity to rubella. A student not having immunity should be immunized upon the advice of his/her physician or nurse practitioner.
- C. Measles.  
A student born after 1956 must have either documentation of a positive rubeola (measles) antibody titer or documentation of rubeola immunization since January 1, 1980.
- D. Chickenpox.  
Since nursing students may be exposed to chickenpox, each student should be aware whether he/she has had chickenpox and is therefore immune. A student who has no record or recollection of having had chickenpox is advised to be screened for immunity.
- E. Tetanus.  
Each student must have documentation of tetanus within the last 10 years.
- F. Latex Allergy.  
Students will provide documentation if a latex allergy exists.
- G. In order to participate in clinical courses students must submit evidence of a negative tuberculin skin test (or negative chest x-ray approved by their physician, if the tine test was positive). A student exposed to a person with communicable tuberculosis must inform the associate dean for undergraduate programs and will be referred to Student Health Service for follow-up. (Tuberculin testing and evidence of a negative result is required annually.) Students will not be permitted in clinical courses if TB documentation expires.
- H. Hepatitis B Virus (HBV): Each student must complete the vaccination series for HBV. (A student wishing an exemption from this requirement must complete a waiver form which will be retained in his/her student file.)

As students progress through their clinical practicum courses they may be required to meet other screening tests as specified by clinical agencies.

Health requirements for RN students must be completed prior to enrollment in NURS 4501.

## **CPR CERTIFICATION**

Prior to entering any clinical practicum course students must provide evidence of current CPR certification, including infant, child, adult (two person and obstructed airway resuscitation). This certification must be maintained throughout the remainder of the student's program through recertification every two years. Documentation of such certification from the American Heart Association "Healthcare Provider BLS" which includes AED is required and must be submitted to the Office of the Associate Dean for Undergraduate Programs, Clark Hall, 251. (Red Cross not accepted.) Questions regarding CPR certification should be directed to this office, 288-3809.

---

## **BACKGROUND CHECKS, DRUG TESTING**

Some degrees, majors and/or courses may require a student to submit to a criminal background check and/or drug testing. The results of those checks and/or tests may affect the student's eligibility to continue in that degree, major and/or course.

---

## **ACCREDITING COMMISSION**

Verification of accreditation status may be obtained from The Commission on Collegiate Nursing Education; 1 DuPont Circle NW; Washington, DC 20036-1120; (202) 887-6791.

---

## **STUDENT ORGANIZATIONS**

### **COLLEGE ORGANIZATION AND PROFESSIONAL ASSOCIATION**

The Marquette University College of Nursing Student Nurses Association (MUSNA) functions as a liaison between the college and the Marquette University Student Government. It coordinates and promotes student activities within the college. The Association also is the university chapter of the Wisconsin Student Nurses Association, a constituent organization of the National Student Nurses Association.

### **HONOR SOCIETY**

Sigma Theta Tau, International is an international professional honor society with constituent chapters in collegiate schools of nursing. The Delta Gamma Chapter at the College of Nursing is open to students, faculty, and community leaders. Candidates enrolled in the College of Nursing must have junior or senior standing and are selected on the basis of superior scholastic achievement, potential leadership qualities and desirable personal qualifications.

Faculty and registered nurses in the community are selected on the basis of special interest in Sigma Theta Tau, International and marked achievement in the field of nursing.

# CURRICULA INFORMATION

## BACHELOR OF SCIENCE IN NURSING: PRELICENSURE

An eight-term program leads to the degree of bachelor of science in nursing. The College of Nursing encourages applications from qualified students from all cultural, racial, religious, and ethnic groups of either sex. The curriculum includes course requirements for the UCCS and the nursing major.

The college reserves the right to amend the program and courses offered from year to year.

### Freshman

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 1000*	3	BISC 2070*	3
BISC 1060*	3	BISC 1015*+	5
ENGL 1001+	3	ENGL 1002+	3
PSYC 1001+	3	PHIL 1001+	3
THEO 1001+	3	General elective	3
	15		17

### Sophomore

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
PSYC 2101+	3	NURS 2075*	3
BISC 3115*	3	NURS 2100*	3
HEAL 1025+	3	NURS 2110*	3
HEAL 2045*	3	SOCI 2200+	3
NURS 2000*	3	HIST UCCS (History)+	3
	15		15

### Junior #

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 3100*	3	NURS 3400	3
NURS 3200	3	NURS 3401	3
NURS 3300	3	NURS 3500	3
NURS 3301	3	NURS 3501	3
NURS 3150	3	MATH UCCS (Math)+	3
PHIL 2310+	3		
	18		15

### Senior #

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 4400	3	NURS 4300	3
NURS 4401	3	NURS 4301	3
NURS 4500	3	NURS 4601	3
NURS 4501	3	NURS 4650	3
NURS Nursing or Health elective	3	THEO UCCS (Theology)+	3
LPA UCCS (Literature or Performing Arts)+	3		
	18		15

Total Credits: 128  
(Nursing = 75 and Non-nursing = 53)

\* Courses offered only in the semester indicated.

+UCCS Courses

Students may take summer clinical courses only with Associate Dean's permission, enrollment limited

# During junior and senior year, first and second term courses could alternate based on students individualized program plan

## BACHELOR OF SCIENCE IN NURSING: AIR FORCE ROTC CURRICULUM

### Freshman

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 1000*	3	BISC 2070*	3
BISC 1060*	3	BISC 1015*+	5
ENGL 1001+	3	ENGL 1002+	3
PSYC 1001+	3	PHIL 1001+	3
THEO 1001+	3	AFAS 1012*	1
AFAS 1011*	1	AFAS 1051	0
AFAS 1051	0	HIST UCCS (History)+	3
	<hr/> 16		<hr/> 18

### Sophomore

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 2000*	3	NURS 2075*	3
HEAL 2045*	3	NURS 2100*	3
BISC 3115*	3	NURS 2110*	3
SOCI 2200+	3	HEAL 1025+	3
MATH UCCS (Math)+	3	PSYC 2101+	3
AFAS 2021*	1	AFAS 2022*	1
AFAS 1051	0	AFAS 1051	0
	<hr/> 16		<hr/> 16

### Junior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 3100*	3	NURS 3200	3
NURS 3400	3	NURS 3300	3
NURS 3401	3	NURS 3301	3
NURS 3500	3	PHIL 2310+	3
NURS 3501	3	NURS 3150	3
AFAS 3131*	3	AFAS 3132*	3
AFAS 1051	0	AFAS 1051	0
	<hr/> 18		<hr/> 18

### Summer

SEM. HRS.	SEM. HRS.
NURS 4601	3
(register in fall term of senior year)	3

### Senior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 4300	3	NURS 4400	3
NURS 4301	3	NURS 4401	3
NURS 4650	3	NURS 4500	3
NURS Nursing or Health Elective	3	NURS 4501	3
THEO UCCS (Theology)+	3	LPA UCCS (Literature or Performing Arts)+	3
AFAS 4141*	3	AFAS 4142*	3
AFAS 1051	0	AFAS 1051	0
	<hr/> 18		<hr/> 18

Total Credits: 141

\*Courses offered only in semester indicated

+UCCS Courses

Students may take summer clinical courses only with Associate Dean's permission, enrollment limited

## BACHELOR OF SCIENCE IN NURSING: ARMY ROTC CURRICULUM

### Freshman

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 1000*	3	BISC 2070*	3
BISC 1060*	3	BISC 1015*+	5
ENGL 1001+	3	ENGL 1002+	3
PSYC 1001+	3	PHIL 1001+	3
THEO 1001+	3	MATH UCCS (Math)+	3
MISL 1001*	1	MISL 1002*	1
MISL 1100	1	MISL 1200	1
	17		19

### Sophomore

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 2000*	3	NURS 2075*	3
HEAL 2045*	3	NURS 2100*	3
BISC 3115*	3	NURS 2110*	3
PSYC 2101+	3	HEAL 1025+	3
MISL 1800+*	3	SOCI 2200+	3
MISL 2001*	1	MISL 2002*	1
MISL 2100*	2	MISL 2200*	2
	18		18

### Junior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 3100*	3	NURS 3200	3
NURS 3400	3	NURS 3300	3
NURS 3401	3	NURS 3301	3
NURS 3500	3	NURS 3150	3
NURS 3501	3	PHIL 2310+	3
MISL 3001*	1	MISL 3002*	1
MISL 3100*	2	MISL 3200*	2
MISL 3101*	1	MISL 3202*	1
	19		19

### Summer

FIRST TERM	SEM. HRS.
NURS 4601 Synthesis Practicum	3
(register in fall term of senior year)	3

### Senior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 4400	3	NURS 4300	3
NURS 4401	3	NURS 4301	3
NURS 4500	3	NURS 4650	3
NURS 4501	3	NURS or HEAL elective	3
THEO UCCS (Theology)+	3	LPA UCCS (Literature or Performing Arts)+	3
MISL 4001*	1	MISL 4002*	1
MISL 4100*	2	MISL 4200*	2
MISL 4101*	0	MISL 4202*	0
	18		18

Total Credits: 149

\*Courses offered only in semester indicated

+UCCS Courses

Students may take summer clinical courses only with Associate Dean's permission, enrollment limited

## BACHELOR OF SCIENCE IN NURSING: NAVY ROTC CURRICULUM

### Freshman

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 1000*	3	BISC 2070*	3
BISC 1060*	3	BISC 1015*+	5
ENGL 1001+	3	ENGL 1002+	3
PSYC 1001+	3	PHIL 1001+	3
THEO 1001+	3	NASC 1001	0
NASC 1001	0	NASC 1022*	3
NASC 1009*	2		
	17		17

### Sophomore

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 2000*	3	NURS 2075*	3
HEAL 1025+	3	NURS 2100*	3
HEAL 2045*	3	NURS 2110	3
BISC 3115*	3	PSYC 2101+	3
NASC 1001	0	SOCL 2200+	3
NASC 1185*	3	NASC 1001	0
Naval Science Cultural Awareness Elective	3		
	18		15

### Junior #

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 3100*	3	NURS 3400	3
NURS 3200	3	NURS 3401	3
NURS 3300	3	NURS 3500	3
NURS 3301	3	NURS 3501	3
NURS 3150	3	MATH UCCS (Math)+	3
PHIL 2310+	3		
NASC 1001	0		
	18		15

### Summer

FIRST TERM	SEM. HRS.
NURS 4601 Synthesis Practicum	3
(register in fall term of senior year)	3

### Senior #

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 4300	3	NURS 4400	3
NURS 4301	3	NURS 4401	3
NURS Nursing or Health Elective.	3	NURS 4500	3
LPA UCCS (Literature or Performing Arts)+	3	NURS 4501	3
NASC 1001	0	NASC 2186*	3
NURS 4650	3	THEO UCCS (Theology)+	3
	15		18

Total Credits: 136

\*Courses offered only in semester indicated

+UCCS Courses

# Fall and Spring courses will depend on drill assignments, see advisor.

Students may take summer clinical courses only with Associate Dean's permission, enrollment limited

## BACHELOR OF SCIENCE IN NURSING/PSYCHOLOGY DOUBLE MAJOR CURRICULUM

### Freshman

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 1000*	3	BISC 2070*	3
BISC 1060*	3	BISC 1015+*	5
ENGL 1001+	3	ENGL 1002+	3
<b>PSYC 1001+</b>	3	PHIL 1001+	3
THEO 1001+	3	HEAL 1025+	3
	15		17

### Sophomore

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 2000*	3	NURS 2075*	3
<b>PSYC 2001+</b>	3	NURS 2100*	3
<b>PSYC 2101+</b>	3	NURS 2110	3
HEAL 2045*	3	<b>PSYC 2050**</b>	4
BISC 3115*	4	SOCI 2200+	3
	16		16

### Junior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 3100*	3	NURS 3300	3
NURS 3400	3	NURS 3301	3
NURS 3401	3	NURS 3150	3
<b>NURS 3500</b>	3	<b>PSYC Elective</b>	3
<b>NURS 3501</b>	3	<b>PSYC Elective</b>	3
<b>PSYC Required content area</b>	3	<b>PSYC Required content area</b>	3
	18		18

### Summer

	SEM. HRS.
NURS 4400	3
NURS 4401	3
	6

### Senior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 4500	3	NURS 4300	3
NURS 4501	3	NURS 4301	3
NURS/HEAL Elective	3	NURS 4601	3
<b>PSYC Required content area</b>	3	NURS 4650	3
PHIL 2310+	3	LPA UCCS (Literature or Performing Arts)+	3
HIST UCCS (History)+	3	THEO UCCS (Theology)+	3
	18		18

Total Credits: 139

\*Courses offered only in semester indicated

+UCCS Courses

\*\*PSYC 2050 satisfies the Nursing Research requirement (NURS 3200)

**Bold indicates psychology major required course.**

Students may take summer clinical courses only with Associate Dean's permission, enrollment limited

**Nursing and Psychology Major:** 35 hours including PSYC 1001, 2001 and 2050; and at least 1 course from at least 5 of the following 8 content areas: Developmental (2101); Social (3201 or 3230); Cognitive Science (4330, 3301 or 3320); Assessment (3701 or 4701); History and Systems (4801); Personality Theories (3501); Physiological (3601); and Abnormal (NURS 3500 and 3501); 3 credits of the Mental Health lecture/practicum count toward Abnormal content; the other 3 credits count as PSYC 4964 for psychology elective. Additionally, 6 credits from psychology electives are required.

## HONORS BACHELOR OF SCIENCE IN NURSING CURRICULUM

### Freshman

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 1000*	3	BISC 2070*	3
BISC 1060*	3	BISC 1015+*	5
ENGL 1001+**	3	ENGL 1302+**	3
PSYC 1001+	3	PHIL 1001+**	3
HIST 1001+**	3	THEO 1001+**	3
HOPR 1953	1		
	16		17

### Sophomore

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 2000*	3	NURS 2075*	3
HEAL 1025+	3	NURS 2100*	3
HEAL 2045*	3	NURS 2110	3
BISC 3115*	3	SOCI 2200+	3
PSYC 2101+	3	HIST 1002+**	3
HOPR 2953	2		
	17		15

### Junior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 3100*	3	NURS 3400	3
NURS 3200	3	NURS 3401	3
NURS 3300	3	NURS 3500	3
NURS 3301	3	NURS 3501	3
NURS 3150	3	MATH UCCS (Math)+	3
PHIL 2310+**	3	HOPR 3953/3955	3
	18		18

### Senior

FIRST TERM	SEM. HRS.	SECOND TERM	SEM. HRS.
NURS 4400	3	NURS 4300	3
NURS 4401	3	NURS 4301	3
NURS 4500	3	NURS 4601	3
NURS 4501	3	NURS 4650	3
NURS Nursing or Health Elective	3	THEO UCCS (Theology)+**	3
		HOPR	3
	15		18

Total Credits: 134

\*Courses offered only in semester indicated

\*\*Students must take Honors Level section

+UCCS Courses

Students may take summer clinical courses only with Associate Dean's permission, enrollment limited

## BACHELOR OF SCIENCE IN NURSING: REGISTERED NURSE OPTION

The following courses are required. Equivalent courses may be accepted in transfer if they have been completed at an accredited college or university with a grade of C or better.

### NURSING REQUIREMENTS

#### REQUIRED NURSING COURSES — PHASE I

All RN/BSN students are required to complete Phase I nursing courses.

	<b>Credits</b>
HEAL 1025+ Culture and Health	3
NURS 3200 Introduction to Nursing Research	3
NURS 4050/5040 Health Assessment for Registered Nurses	3
NURS 2173 Professional Issues in Nursing	3
<b>Total</b>	<b>12</b>

#### NURSING CREDITS BY ADVANCED COURSE VALIDATION

Upon completion of Phase I courses, as well as graduation from an NLN accredited diploma or associate degree program and possession of a valid RN license, credits for the following courses will be awarded and placed on the student's transcript.

	<b>Credits</b>
NURS 1000 Dimensions of Professional Nursing	3
HEAL 2045 Normal and Therapeutic Nutrition	3
NURS 2075 Foundations of Nursing Practice	3
NURS 2100 Pathophysiology 1	3
NURS 3100 Pathophysiology 2	3
NURS 2110 Pharmacotherapeutics of Nursing Practice	3
NURS 3300 Nursing Care of Adults: Theory	3
NURS 3301 Nursing Care of Adults: Practicum	3
NURS 3400 Childbearing Family Nursing: Theory	3
NURS 3401 Childbearing Family Nursing: Practicum	3
NURS 3500 Mental Health Nursing: Theory	3
NURS 3501 Mental Health Nursing: Practicum	3
NURS 4300 Nursing Care of Acutely Ill Adults: Theory	3
NURS 4301 Nursing Care of Acutely Ill Adults: Practicum	3
NURS 4400 Family-centered Nursing of Children: Theory	3
NURS 4401 Family-centered Nursing of Children: Practicum	3
<b>Total</b>	<b>48</b>

#### REQUIRED NURSING COURSES — PHASE II

All RN/BSN students begin Phase II courses after completing Phase I and receiving credit for course validation.

	<b>Credits</b>
NURS 4500 Nursing of Communities: Theory	3
NURS 4501 Nursing of Communities: Practicum	3
NURS 4650 Nursing Leadership	3
Nursing or HEAL elective	3
Nursing or HEAL elective	3
Nursing or HEAL elective	3
<b>Total</b>	<b>18</b>

## ARTS AND SCIENCES

### BIOMEDICAL SCIENCES

BISC 1015+ Principles of Human Anatomy and Physiology	5
Biology or Biochemistry or Chemistry or Microbiology – minimum of	7
<b>Total</b>	<b>12</b>

### PSYCHO-SOCIAL SCIENCES

PSYC 1001+ General Psychology . . . . .	3
PSYC 2101+ Introduction to Life-Span Development Psychology . . . . .	3
SOCI 2200+ The Family . . . . .	3

**Total** **9**

### ENGLISH

ENGL 1001+ and 1002+ Rhetoric and Composition 1 & 2 . . . . .	6
Literature/Performing Arts UCCS+ . . . . .	3

**Total** **9**

### HISTORY

History UCCS+ . . . . .	3
-------------------------	---

### MATHEMATICS

Math UCCS+ . . . . .	3
----------------------	---

### PHILOSOPHY

PHIL 1001+ Philosophy of Human Nature . . .	3
PHIL 2310+ Theory of Ethics . . . . .	3

**Total** **6**

### THEOLOGY

THEO 1001+ Introduction to Theology . . . . .	3
Theology UCCS+ . . . . .	3

**Total** **6**

### GENERAL ELECTIVES

**Total** **3**

**Total Credits Required  
for Graduation: 128 credits**

+Meets University Core of Common Studies requirement

This program may be completed on a full-time or part-time schedule. Qualified students may substitute specific graduate nursing courses for several of the Phase II nursing courses. In addition, an MSN program is available to RNs who have a baccalaureate degree in a field other than nursing (call 288-3861 for further details).

## MASTER OF SCIENCE IN NURSING

Concentrations are offered in health care systems leadership, clinical nurse leader, and advanced practice nursing: nurse-midwifery, children, adults, older adults and adult and pediatric acute care nurse practitioner.

Additional information about the master of science in nursing program will be found in the *Graduate Bulletin*.

## MASTER OF SCIENCE PROGRAM FOR NON-NURSING GRADUATES

The master's program for non-nursing graduates is designed for those individuals who hold baccalaureate degrees in fields other than nursing and who wish to become nurses. The program builds upon the student's broad educational preparation and provides an intense, accelerated, and specialized nursing curriculum to meet the student's career goals. Students complete the nursing requirements and meet the BSN program objectives in an intense 15 month pre-MSN phase and progress to graduate study. Students are then prepared in the MSN program for roles as health care systems leaders, clinical nurse leaders, or advanced practice nurses in: adult, older adult, children or nurse-midwifery.

### ADMISSION REQUIREMENTS

1. Baccalaureate degree — transcripts of all college work is to be submitted.
2. Undergraduate 3.0 or higher.
3. Graduate Record Examination (GRE) scores.  
(The GRE is waived with a 3.200 GPA or higher)
4. Completion of three recommendation forms;  
letters of reference are also strongly encouraged.
5. Updated Resume.
6. Written statement of professional goals, including reasons for pursuing graduate study.

7. Completion of the following prerequisite courses with grade of C or better:
- |  |                     |
|--|---------------------|
| Human Anatomy and Physiology                         | 5-6 credits         |
| Chemistry or Biochemistry or Biology or Microbiology | 5-6 credits (total) |
| Behavioral Sciences (e.g. psychology, sociology)     | 3 credits           |
| Statistics (including inferential analysis)          | 3 credits           |
8. For International applicants only:  
 A TOEFL score of 550 (paper-based version), 213 (computer-based version), 79-80 (Internet-based version including speaking) or other acceptable proof of English proficiency.

## MINOR IN HEALTH STUDIES

Completion of the minor will be noted on a student's transcript if the following requirements are met:

The minor requires 18 credit hours. At least six credits must be selected from each of the following groups:

GROUP 1		Credits
HEAL 1025	Culture and Health	3
HEAL 2045	Normal and Therapeutic Nutrition	3
HEAL 1200	Women's Health	3
HEAL 1300	Substance Abuse	3
HEAL 3150	Alternative and Complementary Therapies	3
HEAL 4152/5152	Death and Dying	3
HEAL 1931	Topics in Health Care	3
HEAL 6845	Case Management	3
GROUP 2		
HEAL 2100	Primary Health Care Concepts	3
HEAL 3100	International Health	3
SOCI 3500	Medical Sociology	3
CMST 4500/5500	Health Communication	3
JOUR 4330/5330	Health and Science Journalism	3
CLLS 2060	Public Health	3
BISC 4931	Social Justice Issues in Health Sciences	1-3

Students should indicate their intention to work toward a minor as early as possible in their academic studies. To do so, students must complete the course study card available from the College of Nursing, Clark Hall, (414) 288-3809.

# COURSE DESCRIPTIONS

## NURSING (NURS)

Dean and Professor: Faut Callahan  
Associate Dean for Research and Graduate Programs and Professor:

Associate Dean for Undergraduate Programs, and Clinical Assistant Professor: Kosmoski-Goepfert  
Professor: Bull, Fehring, Schank (Emeritus), Wake  
Associate Professor: Frenn, Hanson, VandeVusse, Weis (Emeritus), Weiss, Wilson, Winters  
Assistant Professor: Belknap, Bobay, Haglund, Laabs, Lough, Sebern  
Clinical Associate Professor: O'Brien, Shaw  
Clinical Assistant Professor: Bratt, Dressler, Kowatsch  
Clinical Instructor: Berner, Ohlendorf, Sauer

### NURS 1000. Dimensions of Professional Nursing 3 sem. hrs.

An introduction to the discipline of professional nursing with an emphasis on caring and therapeutic relationships. Offered every term.  
Prereq: NURS major.

**NURS 1931. Topics in Nursing** 2-3 sem. hrs.  
Various topics in nursing and health care as identified in the *Schedule of Classes*. Prereq: NURS major.

**NURS 2000. Health Assessment** 3 sem. hrs.  
Introduction to systematic data gathering, analysis and documentation of nursing assessment data with an emphasis on cultural and age-related diversity. Includes a lab component. Offered every term.  
Prereq: NURS major, BISC 1060, BISC 2070, and BISC 1015; may be taken concurrently with BISC 3115, HEAL 2045, and NURS 1000.

### NURS 2075. Foundations of Nursing Practice 3 sem. hrs.

Acquisition of foundational nursing concepts and skills supportive of holistic nursing care for clients and families. Includes 2 credits theory; 1 credit lab.  
Prereq: NURS major, BISC 1060, BISC 2070, and BISC 1015; may be taken concurrently with BISC 3115, HEAL 2045, NURS 1000.

**NURS 2100. Pathophysiology 1** 3 sem. hrs.  
A study of the pathogenesis of select disorders and related diagnostic and treatment modalities as a basis for nursing practice. Focuses on genetic, neoplastic, immunologic, hematologic, endocrine and mental health disorders across the life span. Includes a discussion of temperature regulation, inflammatory and tissue healing process, the stress response and cardiovascular shock. Offered annually. Prereq: NURS major, BISC 1060, BISC 2070, BISC 1015, NURS 2110, which may be taken concurrently, and PSYC 1001.

### NURS 2110. Pharmacotherapeutics for Nursing Practice 3 sem. hrs.

Basic principles of pharmacology and pharmacotherapeutics as applied to patients across the life span. Includes nursing implications for administration, patient teaching, and evaluation of safety and effectiveness. Prereq: BISC 2070 and BISC 1015.

### NURS 2173. Professional Issues in Nursing 3 sem. hrs.

The impact on professional nursing of external and internal forces including law, ethics, education, and nursing process.  
Prereq: NURS major; R.N. students only.

### NURS 2964. Individual Study and Practice 1-3 sem. hrs.

Individual study and practice with a client or a selected group of clients. Arrangements for guidance of a preceptor must be made prior to registration. May be taken twice. Prereq: Cons. of instr. and enrolled in the College of Nursing.

**NURS 3100. Pathophysiology 2** 3 sem. hrs.  
A study of the pathogenesis of select diseases and common diagnostic and treatment modalities as a basis for nursing practice. Focuses on select cardiovascular, respiratory, renal, digestive, musculoskeletal and neurologic diseases across the life span. Offered annually.  
Prereq: NURS major, NURS 2100, and PSYC 2101.

### NURS 3150. Essentials of Gerontological Nursing 2-3 sem. hrs.

Emphasis is on factors influencing the health and functional ability of older adults. Normal physiological, social and psychosocial changes of aging are presented. Common problems that compromise health care discussed with an emphasis on health promotion, nursing assessment, and nursing management. BSN-Pre-licensure students entering prior to fall 2005 complete this course for two credits. BSN-Pre-licensure students entering fall 2005 or later complete this course for three credits.  
Prereq: NURS major, NURS 2000, NURS 2075, NURS 2100, NURS 2110, and NURS 3100, which may be taken concurrently.

### NURS 3200. Introduction to Nursing Research 2-3 sem. hrs.

Overview of research in nursing and its application to nursing practice. BSN-Pre-licensure students entering prior to fall 2005 complete this course for two credits. BSN-Pre-licensure students entering fall 2005 or later complete this course for three credits. Prereq: Jr. stndg. and NURS major.

### NURS 3300. Nursing Care of Adults: Theory 3 sem. hrs.

Focus on critical thinking and clinical judgment with adults and older adults related to wellness and common chronic illnesses. Emphasis is on health promotion, health maintenance, and health restoration.  
Prereq: NURS major, HEAL 1025, HEAL 2045, NURS 2075, NURS 2100, NURS 2110, NURS 3100 (which may be taken concurrently). Must be taken concurrently with NURS 3301.

### NURS 3301. Nursing Care of Adults: Practicum 3 sem. hrs.

Application of clinical judgment with adults and older adults related to wellness and common chronic illnesses. Emphasis is on health promotion, health maintenance, and health restoration for persons from diverse contexts across health care delivery settings. S/U grade assessment.  
Prereq: NURS major and NURS 3300, which must be taken concurrently.

### NURS 3400. Childbearing Family Nursing: Theory 2-3 sem. hrs.

Study of diverse families during childbearing period. Focus is on nursing process, health promotion, and families in transition and adaptation from pre-conception through post-partum. BSN-Pre-licensure students entering prior to fall 2005 complete this course for two credits. BSN-Pre-licensure students entering fall 2005 or later complete this course for three credits. Offered every term.  
Prereq: HEAL 1025, HEAL 2045, NURS 2075, NURS 2100, NURS 2110, NURS 3100 (which may be taken concurrently); SOCI 2200, and PSYC 2101; must be taken concurrently with NURS 3401.

### NURS 3401. Childbearing Family Nursing: Practicum 3 sem. hrs.

Guided experience in the care of diverse families from pre-conception through the post-partum period. Focus on the application of nursing process in assisting families to meet their unique developmental needs and to foster family health. S/U grade assessment. Prereq: NURS major; must be taken concurrently with NURS 3400.

### NURS 3500. Mental Health Nursing: Theory 2-3 sem. hrs.

An introduction to concepts, principles, and processes of mental health nursing with a focus on human responses across the life span and the health care continuum. BSN-Pre-licensure students entering prior to fall 2005 complete this course for two credits. BSN-Pre-licensure students entering fall 2005 or later complete this course for three credits.  
Prereq: NURS major, HEAL 1025, HEAL 2045, NURS 2075, NURS 2100, NURS 2110, NURS 3100 (which may be taken concurrently); PSYC 2101, SOCI 2200; must be taken concurrently with NURS 3501.

### NURS 3501. Mental Health Nursing: Practicum 3 sem. hrs.

Clinical practice to promote the development of the professional role and the application of concepts, principles, and processes of mental health nursing. Emphasis on therapeutic nursing interventions in caring for individuals, families, and communities across varying health care delivery settings. S/U grade assessment. Prereq: NURS major; must be taken concurrently with NURS 3500.

### NURS 4050. Health Assessment for Registered Nurses 3 sem. hrs.

Develop assessment skills to systematically collect and analyze data to make clinical judgments related to health status. Prereq: NURS major, R.N. student, or nursing graduate student, or cons. of instr.

### NURS 4300. Nursing Care of the Acutely Ill Adult: Theory 3 sem. hrs.

Nursing care of adults and older adults experiencing acute and complex illness with alterations and multiple body systems. Focus is on critical thinking, collaboration with interdisciplinary health care professionals, restoration, and rehabilitation.  
Prereq: NURS Major, NURS 3200, NURS 3300, NURS 3301, NURS 3400, NURS 3401, NURS 3500, and NURS 3501; must be taken concurrently with NURS 4301.

**NURS 4301. Nursing Care of the Acutely Ill Adult: Practicum** 3 sem. hrs.

Application of critical thinking with adults and older adults experiencing acute and complex illness. Emphasis is on restoration, rehabilitation, and coordination of health care in the acute care setting. S/U grade assessment. *Prereq: NURS major; must be taken concurrently with NURS 4300.*

**NURS 4350. Critical Care Nursing** 3 sem. hrs.

Integration of pathophysiologic concepts and psychosocial variables unique to caring for critically ill adults.

*Prereq: Sr. stndg. and NURS major; or R.N. student.*

**NURS 4400. Family Centered Nursing of Children: Theory** 2-3 sem. hrs.

Family centered nursing of children and adolescents in diverse populations. Focus on health promotion, maintenance, acute and chronic health problems. BSN-Pre-licensure students entering prior to fall 2005 complete this course for two credits.

BSN-Pre-licensure students entering fall 2005 or later complete this course for three credits.

*Prereq: Sr. stndg., NURS major, NURS 3300, NURS 3301, NURS 3400, NURS 3401, NURS 3500, and NURS 3501; must be taken concurrently with NURS 4401.*

**NURS 4401. Family Centered Nursing of Children: Practicum** 3 sem. hrs.

Emphasis on application of theory and the planning and provision of care to healthy and ill children. S/U grade assessment. *Prereq: Sr. stndg. and NURS major; must be taken concurrently with NURS 4400.*

**NURS 4500. Nursing of Communities: Theory** 2-3 sem. hrs.

Nursing and community health concepts are integrated to provide a theory base for aggregate level care. Emphasis is on planning with communities for provision of care which may include healthy, vulnerable and ill persons within the context of dynamic systems. BSN-Pre-licensure students entering prior to fall 2005 complete this course for two credits. BSN-Pre-licensure students entering fall 2005 or later complete this course for three credits.

*Prereq: Sr. stndg., NURS major, NURS 3300, NURS 3301, NURS 3400, NURS 3401, NURS 3500, and NURS 3501; must be taken concurrently with NURS 4501.*

**NURS 4501. Nursing of Communities: Practicum** 3 sem. hrs.

Application of the nursing and community health concepts for aggregate level care. Emphasis is on planning with communities for provision of care which may include healthy, vulnerable and ill persons within the context of dynamic systems. S/U grade assessment. *Prereq: Sr. stndg. and NURS major; must be taken concurrently with NURS 4500.*

**NURS 4601. Synthesis Practicum** 3 sem. hrs.

Synthesis and application of clinical knowledge through intensive practicum in a selected setting. Development of entry level competence in nursing practice with an emphasis on skill in clinical decision making. S/U grade assessment.

*Prereq: Sr. stndg., NURS major, NURS 3200, NURS 3300, NURS 3301, NURS 3400, NURS 3401, NURS 3500, and NURS 3501.*

**NURS 4650. Nursing Leadership** 3 sem. hrs.

Analysis of organizational, management and leadership theories. Focus on development of leadership roles in diverse environments. Includes political, social, cultural, economic, and technological influences on health care.

*Prereq: Sr. stndg., NURS major, NURS 3200, NURS 3300, NURS 3301, NURS 3400, NURS 3401, NURS 3500, and NURS 3501; must be taken concurrently with either NURS 4301, 4401, or 4501.*

**NURS 4995. Independent Study in Nursing** 1-3 sem. hrs.

Intensive library search or a research project relative to a specific area of interest. Arrangements for faculty direction must be made prior to registration. May be taken twice. *Prereq: Cons. of instr. and enrolled in the College of Nursing.*

**HEALTH (HEAL)**

The following HEALTH (HEAL) courses are offered by the College of Nursing and open to all students of the university.

**▲HEAL 1025. Culture and Health** 3 sem. hrs.

Cultural perspective of concepts of health and illness including the relationship of health care behaviors and beliefs to culture and social structure. Foster an appreciation for human diversity related to culture and health.

**HEAL 1200. Women's Health** 3 sem. hrs.

A self-care approach to health maintenance, the physical and psychosocial changes during the life cycle, and the health care system as these pertain to women in our society.

**HEAL 1300. Substance Abuse** 3 sem. hrs.

A comprehensive overview of substance abuse throughout the life span. Addresses the physiological, psychological, sociological and spiritual perspectives.

**HEAL 1931. Topics in Health Care** 2-3 sem. hrs.

Special topics in health care as identified in the *Schedule of Classes*.

**HEAL 2045. Normal and Therapeutic Nutrition** 3 sem. hrs.

Nutritional aspects of health promotion. Therapeutic dietary needs of clients with various health status deviations. Offered annually.

*Prereq: Soph. stndg. and BISC 1060 and BISC 2070 and BISC 1015; not open for credit to students who have completed BISC 3110.*

**HEAL 2100. Primary Health Care Concepts** 3 sem. hrs.

Exploration of primary health care principles and models. Focus is on multidisciplinary approaches to the examination of interacting factors contributing to the health of populations. *Prereq: Jr. stndg.*

**HEAL 3100. International Health** 3 sem. hrs.

Overview of international health goals, issues, problems and programs. Includes factors influencing health, comparisons of health indicators and health systems, and global health interventions.

*Prereq: Jr. stndg.*

**HEAL 3150. Alternative and Complementary Therapies** 3 sem. hrs.

Exploration of alternative approaches to health beyond usual therapies of Western medicine. Emphasis on body-mind-spirit interconnections and multicultural perspectives. *Prereq: Jr. stndg.*

**HEAL 4000. Epidemiology** 3 sem. hrs.

Analysis of occurrence and patterns of disease in populations including prevention and control strategies.

**HEAL 4152. Death and Dying** 3 sem. hrs.

Multidisciplinary perspective on death and dying. Includes historical, sociocultural, legal, and ethical dimensions, the dying process, grief and bereavement, and communities of care.

**HEAL 4200. Natural Family Planning** 3 sem. hrs.

Physiological, behavioral, and spiritual aspects important to teaching and using natural family planning. *Prereq: Jr. stndg.*

**HEAL 4201. Natural Family Planning Practicum** 3 sem. hrs.

Practical application of theory and skills for teaching natural family planning. *Prereq: Jr. stndg.*