

Nursing

In the College of Health and Human Services

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<http://nursing.sdsu.edu>

Agency Member of the American College of Nurse Midwives and the American Association of Colleges of Nursing. Accredited by the American College of Nurse Midwives Accreditation Commission for Midwifery Education. Approved by the California State Board of Nursing and the Commission on Collegiate Nursing Education.

Faculty

Emeritus: Blenner, Broom, Dillon (Salerno), Flagg, Freitas, Hatton, Heineken, Hines, Laiho, LaMonica, Lantz, Leslie, Lookinland, Loveridge, Moffett, Morris, Reed, Riegel, Robinson, Saarmann, Shively, Stichler, Sweeney, Toderro, Verderber, Wahl, Walker, Wozniak

Director: Greiner

Professors: Fields, Greiner, Hunter

Associate Professors: Fitzsimmons, Gates, Hadley, Lee

Assistant Professors: Carlson, Kim

Lecturers: Balsam, Bertken, Bidwell, Bonnar, Burns, Concilio, Cullum, DeSilva, Finkel, Fitzpatrick, Gribble, Haenke, Hall, Heiss, Herold, Hughen, Katzman, LaHaye, Lischke, Long, Madigan, McEwan, Moreno, Ortega, Parr, Preston, Rivera, Scott, Taylor, Zirkle

Offered by the School

Doctor of Nursing Practice.

Master of Science degree in nursing.

Concentration in advanced practice nursing of adults and the elderly.

Concentration in community health nursing.

Concentration in nursing education.

Concentration in nursing leadership in health care systems.

Concentration in women's health and midwifery.

Major in nursing with the B.S. degree in applied arts and sciences.

Registered Nurse B.S., Major in Nursing Program.

School nurse services credential (refer to the *Graduate Bulletin*).

The Major

The nursing profession is concerned with the total health care of individuals, families, and communities. It is a profession that believes in the prevention of illness, caring for those who are acutely ill, and helping people with long-term rehabilitative problems to live in the healthiest way possible. Nursing is both a science and an art. It has its foundation in biophysical and behavioral sciences, as well as in nursing science and evidence-based practice.

Students in the nursing program are provided opportunities to acquire knowledge from the natural and social sciences; to develop clinical decision-making abilities; to utilize current research in the application of the nursing process; to develop leadership potential and accountability in professional practice; to become aware of the emerging roles of the professional nurse and of the social forces affecting health and health care systems; and to learn to balance professional and personal growth and values.

Nurses are in demand throughout the country and are needed in such settings as acute care hospitals, community health agencies, homes, jails, outreach programs, public schools, health maintenance organizations, and clinics which serve underprivileged, minority, and rural populations. Career opportunities are particularly good for minority, bilingual / bicultural persons.

Retention Policy

Progress in the nursing program is dependent upon completion of preparation for the major and nursing courses each semester. Students will not be permitted to progress to the next semester until preparation for the major and nursing courses are completed from the previous semester. Students who meet any one of the following criteria will be dropped from the program: (1) earn a grade of C- (1.7) or below in two nursing courses;

(2) earn less than the required grade for two prerequisite courses; (3) earn a grade of C- (1.7) or below in one nursing course twice or below the minimum required grade in one prerequisite course twice. Continuation in good standing in the nursing program is contingent on students following the defined plan of study. Student failure to follow the plan of study may result in either removal from the program or an extended time frame for program completion. See the School of Nursing student handbook for updated information.

Impacted Programs

The nursing majors are impacted programs. To be admitted to the nursing major, students must meet the following criteria:

- First-time freshmen admitted via direct-entry must have completed one year of high school college preparatory courses in intermediate algebra, biology, and chemistry with laboratory. A grade of B (3.0) or better is required in each preparatory course including high school Advanced Placement (AP) and International Baccalaureate (IB) courses;
- Transfer students must have completed the same requirements as entering freshmen or equivalent college-level courses;
- Biology 211, 211L, 212, 261*, Chemistry 102*, Statistics 250 (or Biology 215 or Psychology 280)*, Communication 103 (or a course listed under General Education, I.1. Oral Communication)*, Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition)■, and Rhetoric and Writing Studies 200 (or a course listed under General Education, I.3. Intermediate Composition and Critical Thinking)▲ with the required grades of B- (2.7) or better for all biology courses, C or above for all others. These courses cannot be taken for credit/no credit (Cr/NC). The grades for Biology 211 and 211L must average B-. Students may not proceed to Biology 212 if they receive a C- in either Biology 211 or 211L regardless of the average of the two;
- Have a cumulative GPA of 3.2 or better in the nursing major and the registered nurse program;

To complete the major, students must fulfill the degree requirements for the major described in the catalog in effect at the time they are accepted into the nursing major at SDSU (assuming continuous enrollment).

▲ Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.

★ Upper division transfer students fulfill this course requirement with a CSU GE certified B1 chemistry course (general, organic, inorganic, or integrated).

▲ Upper division transfer students fulfill this area with a statistics course certified for CSU GE mathematics/quantitative reasoning (B4).

✦ Upper division transfer students fulfill this area with any certified CSU GE oral communication (A1) transfer course.

■ Upper division transfer students fulfill this area with any certified CSU GE written communication (A2) transfer course.

▲ Upper division transfer students fulfill this area with any certified CSU GE critical thinking (A3) transfer course.

Standards for Admission

Admission to the University

Applicants must be eligible for admission to the university. See "Regulations: Admission and Registration" section of this catalog. Students accepted as nursing majors are subject to further screening to determine their eligibility to be admitted into the professional coursework.

Admission to the Professional Program in Nursing

The School of Nursing is an impacted program with more qualified applicants applying than can be accepted into the major. Admission to the School of Nursing is competitive. First-time freshmen students applying for direct entry via CSUMentor will be ranked for admission based on the CSU Eligibility Index. Transfer students will be admitted according to rank and the number of positions available.

1. Minimum admission requirements for transfer students are:

- The Test of Essential Academic Skills (T.E.A.S.): 80% or above overall.
- Cumulative GPA of 3.2 or better.

- c. Successful completion of Biology 211, 211L, 212, 261*, Chemistry 102*, Statistics 250 (or Biology 215 or Psychology 280)^, Communication 103 (or a course listed under General Education, I.1. Oral Communication)*, Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition)■, and Rhetoric and Writing Studies 200 (or a course listed under General Education, I.3. Intermediate Composition and Critical Thinking)^ or their equivalents with the required grades of B- (2.7) or better for all biology courses, C or above for all others.
- d. Students dismissed or disqualified from other nursing programs are not eligible for admission.

2. Prerequisite courses are required for nursing majors before students may begin taking clinical nursing courses.

- a. Course grade requirement (B- or better) in each of these required courses: Biology 211, 211L, 212, and 261* (NOTE: The grades for Biology 211 and 211L must average B- (2.7). Students may not proceed if they receive a C- in either Biology 211 or 211L regardless of the average of the two. Registration in Biology 261 may be concurrent with the start of School of Nursing courses for direct entry students only).

- ♣ Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.
- ★ Upper division transfer students fulfill this course requirement with a CSU GE certified B1 chemistry course (general, organic, inorganic, or integrated).
- ^ Upper division transfer students fulfill this area with a statistics course certified for CSU GE mathematics/quantitative reasoning (B4).
- ⊕ Upper division transfer students fulfill this area with any certified CSU GE oral communication (A1) transfer course.
- Upper division transfer students fulfill this area with any certified CSU GE written communication (A2) transfer course.
- ▲ Upper division transfer students fulfill this area with any certified CSU GE critical thinking (A3) transfer course.

3. Mathematics and Writing Competency Requirements. Prior to beginning clinical nursing courses, all students must satisfy the SDSU mathematics and writing competency requirements.

4. Health Requirement. To meet the specific health requirements, a medical examination and immunizations must be completed. The medical examination is in addition to the one required for admission to the university. For specific information concerning medical examination and immunization series, consult the School of Nursing website.

5. Registered Nurse – Bachelor of Science, Major in Nursing Program. A registered nurse–Bachelor of Science in nursing program is available for registered nurses who completed a regionally accredited program with either an Associate Degree in Nursing or a Diploma in Nursing.

6. Formal Application. All applicants must submit an application to the university via CSUMentor according to deadlines for impacted programs.

Special Instructions

- 1. Impacted Program.** The nursing major is designated as an impacted program and specific regulations related to admissions are imposed.
- 2. Full-Time/Part-Time Study.** Students are encouraged to enroll in all of the nursing courses scheduled each semester. However, part-time enrollment can be arranged by contacting the undergraduate adviser within the school and with approval of the Director.
- 3. Transportation.** Students enrolled in the nursing program are required to provide their own transportation to off-campus clinical agencies and for home visits.
- 4. Health Insurance.** All admitted School of Nursing students are advised to obtain health insurance coverage. Students are responsible for health care cost when services are rendered by a health care agency.
- 5. CPR Certification.** Upon admission to the School of Nursing, students must have CPR certification through the American Heart Association – BLS for Health Care Provider. Certification must be maintained throughout the program.
- 6. Malpractice Insurance.** Malpractice insurance is provided by the CSU at this time. Check website for any changes.
- 7. Upon completion** of the first year of courses and prior to beginning any clinical nursing courses, students are required to have a physical examination and bring proof of the examination and required immunizations as instructed by the School of Nursing.

8. Background Check and Drug Screen. Upon admission to the nursing program, and possibly yearly thereafter, students must successfully pass a background check and drug screen in order to be placed in a clinical rotation. Red flag issues which prevent placement may impede progression and successful completion of degree requirements.

9. A valid social security number may be required for placement in most clinical agencies and to take the RN NCLEX examination.

10. Option Open to L.V.N.'s for eligibility to the R.N. license examination. THIS OPTION HAS NO RELATION TO DEGREE REQUIREMENTS AND DEGREE COMPLETION.

Course Requirements for Licensed Vocational Nurse (L.V.N.) 30-Unit Option

	<i>Units</i>
♣ BIOL 211, 211L Fundamentals of Microbiology	4
♣ BIOL 261 Human Physiology	4
NURS 304 Clinical Pharmacology in Nursing Practice.....	2
NURS 312 Concepts in Professional Nursing	3
#@ NURS 316 Psychiatric-Mental Health Nursing	5
NURS 400 Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II	3.5
NURS 400L Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II Laboratory.....	2.5
NURS 458 Nursing Management and Leadership.....	3
NURS 458L Nursing Management and Leadership Laboratory	2
NURS 499 Special Study (elective in the clinical or health focus of student's choice)	1
Total	30

♣ Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.

Includes geriatric nursing.

@ Includes management/evaluation of patient care.

General Education Requirements

Students will complete a minimum of 49 units in General Education to include a minimum of nine upper division units. No more than 12 units may be used for General Education credit from any one department or academic unit. Upper division transfer students are required to complete an approved CSU General Education pattern. Students seeking a second bachelor's degree in nursing have satisfied all requirements in sections I, II, III, and IV of General Education with their first baccalaureate degree from a regionally accredited association.

I. Communication and Critical Thinking: 9 units

You may *not* use Credit/No Credit grades in this section. A grade of C- (1.7) or better is required. (NOTE: preparation for the major requires a grade of C (2.0) or better.)

- 1. Oral Communication: Communication 103, or Africana Studies 140, or Chicana and Chicano Studies 111A (3 units)
- 2. Composition (3 units)
- 3. Intermediate Composition and Critical Thinking (3 units)

II. Foundations of Learning: 32 units

A. Natural Sciences and Quantitative Reasoning (14 units):

- 1. Physical Sciences: Chemistry 102 (5 units)
- 2. Life Sciences: Biology 212 (4 units)
- 3. Laboratory: Biology 211L (2 units)
- 4. Mathematics/Quantitative Reasoning: Biology 215 (3 units) or Psychology 280 (4 units) or Statistics 250 (3 units) – Recommended

You may *not* use Credit/No Credit grades. A grade of C- (1.7) or better is required. (NOTE: preparation for the major requires a grade of C (2.0) or better.)

- B. Social and Behavioral Sciences (6 units) to be satisfied by:** Psychology 101 (3 units) – Required Sociology 101 (3 units) – Recommended
- C. Humanities (12 units)**

Refer to General Education course offerings in the Graduation Requirements section of the catalog.

NOTE: Upper division transfer students should refer to the footnotes under the Admission to the Professional Program in Nursing section.

III. American Institutions: Three units of the six units of coursework which meet the American Institutions graduation requirement may be used to satisfy this section, excluding courses numbered 500 and above.

IV. Explorations of Human Experience: Courses in this area must not be taken sooner than the semester in which you achieve upper division standing (60 units passed). Upper division courses in the major department may not be used to satisfy General Education. Nine units to include Philosophy 330 and one of the following options: three upper division units in Natural Science, and three upper division units in Social and Behavioral Sciences; OR three upper division units in Humanities, and three upper division units in Social and Behavioral Sciences; OR six upper division units in Social and Behavioral Sciences. Three units must be selected from a course designated as cultural diversity. Refer to General Education Requirements section of the catalog and to the course guidelines provided during program orientation.

Major Academic Plans (MAPs)

Visit <http://www.sdsu.edu/mymap> for the recommended courses needed to fulfill your major requirements. The MAPs website was created to help students navigate the course requirements for their majors and to identify which General Education course will also fulfill a major preparation course requirement.

Nursing Major

With the B.S. Degree in Applied Arts and Sciences

(Major Code: 12031) (SIMS Code 554603 - Internal SDSU, Transfers) (SIMS Code Track 1: 554605 - First Time Freshmen Admits) (SIMS Code Track 2: 554606 - First Time Freshmen Admits)

All candidates for a degree in applied arts and sciences must complete the graduation requirements listed in the section of this catalog on "Graduation Requirements."

A minor is not required with this major.

Nursing majors may be part-time students in the curriculum with Director approval. Consultation with the undergraduate adviser is mandatory.

Preparation for the Major. Students in the nursing program are coded as nursing majors once they successfully complete Biology 211, 211L, 212, 261*, Chemistry 102*, Statistics 250 (or Biology 215 or Psychology 280)▲, Communication 103 (or a course listed under General Education I.1. Oral Communication)*, Rhetoric and Writing Studies 100 (or a course listed under General Education, I.2. Composition)■, and Rhetoric and Writing Studies 200 (or a course listed under General Education, I.3. Intermediate Composition and Critical Thinking)▲, with the required grades (B- or above for all biology courses, C or above for all others). Nursing 202, 206, 208, 219, and 221. (43 units)

♣ Upper division transfer students fulfill these course requirements by completing human anatomy (with required laboratory), human physiology (with required laboratory), and microbiology (with required laboratory), designated as certified CSU GE Life Sciences and Laboratory (B2, B3) transfer courses.

★ Upper division transfer students fulfill this course requirement with a CSU GE certified B1 chemistry course (general, organic, inorganic, or integrated).

▲ Upper division transfer students fulfill this area with a statistics course certified for CSU GE mathematics/quantitative reasoning (B4).

♣ Upper division transfer students fulfill this area with any certified CSU GE oral communication (A1) transfer course.

■ Upper division transfer students fulfill this area with any certified CSU GE written communication (A2) transfer course.

▲ Upper division transfer students fulfill this area with any certified CSU GE critical thinking (A3) transfer course.

NOTE: Students must complete Psychology 101 and 230 to satisfy nursing program requirements. A grade of C (2.0) or better is **required** in all nursing courses. No nursing course may be repeated more than once. A grade of C (2.0) or better is required in statistics. A grade of B- (2.7) or better is required in all biology courses.

Graduation Writing Assessment Requirement. Passing the Writing Placement Assessment with a score of 10 or completing one of the approved upper division writing courses (W) with a grade of C (2.0) or better. See "Graduation Requirements" section for a complete listing of requirements.

International Experience. Nursing majors are required to participate in an international experience to increase awareness of cross-cultural issues, global health, economic, political, cultural, social services, and health challenges experienced by local populations in international environments. Students participate in residence for two or more weeks (exemption from the study abroad portion of the requirement must be approved by the dean of the college based on serious and compelling life events or physical limitations; a relevant course and community service activity in the U.S. will be substituted). Specific details can be found on the college website at <http://www.chhs.sdsu.edu/international>. (Second baccalaureate degree students are exempt from this requirement.)

To meet the international experience requirement, majors must complete one of the following:

1. A CSU Study Abroad Program;
2. An SDSU Exchange Program;
3. An SDSU Study Abroad Program;
4. An SDSU Study Travel Program;

OR

5. One course selected from:
 - Health and Human Services 290 or 350;
 - Asian Studies 490;
 - Education 450;
 - General Studies 450;
 - International Security and Conflict Resolution 450;
 - Latin American Studies 450;
 - Political Science 450;
 - Science 350.

Major. A minimum of 41 upper division units in nursing to include Nursing 300, 304, 307, 316, 321, 354, 356, 400, 400L, 415, 415L, 421.

Registered Nurse – Major in Nursing Program

With the B.S. Degree in Applied Arts and Sciences

(Major Code: 12032) (SIMS Code: 554604)

A Registered Nurse - Bachelor of Science nursing program is available for registered nurses who completed a regionally accredited program with either an Associate Degree in nursing or a Diploma in nursing.

Standards for Admission. See Standards of Admission for Professional Program in Nursing.

Additional Requirements. The following documents are also required for admission to the RN-BS Program:

1. Copy of current California RN license is required for progression through the program.
2. Official transcript showing Associate Degree in nursing or Diploma from a regionally accredited institution.
3. Official transcripts from all colleges/universities attended to date.
4. CPR certification – American Heart Association – BLS for Health Care Provider.

General Education Requirements. See General Education Requirements for nursing major.

International Experience. Nursing majors are required to participate in an international experience to increase awareness of cross-cultural issues, global health, economic, political, cultural, social services, and health challenges experienced by local populations in international environments. Students participate in residence for two or more weeks (exemption from the study abroad portion of the requirement must be approved by the dean of the college based on serious and compelling life events or physical limitations; a relevant course and community service activity in the U.S. will be substituted). Specific details can be found on the college website at <http://www.chhs.sdsu.edu/international>. (Second baccalaureate degree students are exempt from this requirement.)

To meet the international experience requirement, majors must complete one of the following:

1. A CSU Study Abroad Program;
2. An SDSU Exchange Program;
3. An SDSU Study Abroad Program;
4. An SDSU Study Travel Program;

OR

5. One course selected from:
- Health and Human Services 290 or 350;
 - Asian Studies 490;
 - Education 450;
 - General Studies 450;
 - International Security and Conflict Resolution 450;
 - Latin American Studies 450;
 - Political Science 450;
 - Science 350.

Curriculum Plan. A total of 120 units are required for the degree. Up to 70 transfer credits from ADN or diploma programs may be granted. Upon passing NCLEX, 15 units will be credited to the student's transcript.

Program

The following upper division nursing courses are required of all RN-BS candidates:

	<i>Units</i>
NURS 307 Nursing Research.....	3
NURS 312 Concepts of Professional Nursing	3
NURS 320 Health Assessment and Health Promotion for RN to BS	4
NURS 400 Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II.....	3.5

AND

NURS 400L Nursing Care of the Acute and Chronically Ill
Adult and Gerontologic Patient II Laboratory....2.5

OR

NURS 437 Care Management of People with Complex Health Needs.....	6
NURS 415 Community Health Nursing	3
NURS 415L Community Health Nursing Laboratory.....	2
NURS 458 Nursing Management and Leadership	3
NURS 458L Nursing Management and Leadership Laboratory ...	2

Courses (NURS)

Refer to Courses and Curricula and University Policies sections of this catalog for explanation of the course numbering system, unit or credit hour, prerequisites, and related information.

LOWER DIVISION COURSES**NURS 200. Informatics for the Nurse (1)**

Prerequisite: Admission to nursing major.
Basics of informatics, electronic health records, ethics and legal aspects. Electronic communication. Database searches.

NURS 202. Client Assessment (3)

One-and-one-half hours of lecture and 4.5 hours of laboratory.
Prerequisites: Admission to nursing program and concurrent registration in Nursing 206.
Determining and measuring variables relevant to assessment of psychosocial and physical functioning.

NURS 206. Fundamentals of Nursing Practice (5)

Three lectures and six hours of laboratory.
Prerequisites: Admission to nursing program and concurrent registration in Nursing 202.
Basic nursing skills and integration of diagnosis, planning, and implementation of nursing care. Application of nursing process.

NURS 208. Pathophysiology (3)

Prerequisites: Biology 212 and credit or concurrent registration in Biology 261.
Pathophysiologic processes as they apply to nursing care of patients.

NURS 219. Information Management for Professional Relationships (2)

Prerequisite: Admission to the School of Nursing.
Information management in patient care, research, evidence-based practice, outcomes and practice management. Patient/family-provider communication, privacy, security, and ethical decision making on patient care, research, and quality management.

NURS 221. Professional Formation A (1)

History of health care and changing roles of nurses in relation to other health professions. Social, cultural, regulatory agencies, and policy affecting patient care.

NURS 296. Experimental Topics (1-4)

Selected topics. May be repeated with new content. See *Class Schedule* for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor's degree.

**UPPER DIVISION COURSES
(Intended for Undergraduates)****NURS 300. Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient I (8)**

Three lectures and 15 hours clinical per week.
Prerequisites: Nursing 206, 208, and credit or concurrent registration in Nursing 304.
Psychological, social, and physiologic stressors affecting acute and chronic illness and health of adults. Appropriate nursing care and interventions. Not open to students with credit in Nursing 252.

NURS 302. Nurse-Client Relationships: Cultural and Mental Health Concepts (3)

Prerequisite: Nursing 206.
Nurse-client communication and application to clinical nursing practice. Origins of a variety of communication styles. Cultural and mental health concepts related to communication.

NURS 304. Clinical Pharmacology in Nursing Practice (2)

Prerequisites: Biology 212, Chemistry 102, and credit or concurrent registration in Biology 261.
Major classifications of drugs; pharmacological and toxicological activity; clinical applications. Role of nurse in assessment, intervention, and patient education.

NURS 307. Research and Evidence-Based Practice (3)

Prerequisites: Mathematics/Quantitative Reasoning General Education, and credit or concurrent registration in Nursing 300.
Nursing research process. Emphasis on identification of researchable questions and beginning critiquing ability.

NURS 312. Concepts in Professional Nursing (3)

Prerequisite: Admission to the RN to BS program.
Concepts in professional nursing. Differentiation of professional practice with emphasis on stress theory, therapeutic communication, values clarification, and legal aspects. Not open to generic students.

NURS 316. Psychiatric-Mental Health Nursing (5)

Three lectures and six hours of laboratory.
Prerequisite: Admission to the School of Nursing.
Theory and clinical laboratory in application of nursing process to care of clients evidencing maladaptive responses to psychosocial stressors. Presentation of theories describing and explaining maladaptive behaviors and application of nursing interventions in a variety of treatment modalities. (Formerly numbered Nursing 416.)

NURS 320. Health Assessment and Health Promotion for RN to BS (4)

Two lectures and six hours of laboratory
Prerequisite: Admission to the RN to BS program.
Expands the registered nurse's ability to measure and interpret physical, physiologic, and psychosocial functioning. Clinical presentation of disease and disability. Evidence-based practice guidelines for health promotion and disease management. Not open to students with credit in Nursing 501 and 501L.

NURS 321. Professional Formation B (1)

Prerequisite: Nursing 221.
Virtue ethics, California Nurse Practice Act, and American Nurses Association Code of Ethics. Societal expectations, obligations, professional requirements, legal decisions, and clinical realities.

NURS 350. Women's Health Across the Lifespan (3) [GE]

Prerequisite: Completion of the General Education requirement in Foundations of Learning II.A. Natural Sciences and Quantitative Reasoning.
Explores health issues women face across their lives. Focus on developing knowledgeable users of research on causes of and risk factors for health problems. Not applicable to nursing majors.

NURS 354. Nursing Care of the Childbearing Family (5)

Two-and-one-half hours of lecture and 7.5 hours of laboratory.
Prerequisites: Nursing 206, 208, and 302 or 304.
Family-centered focus encompassing adaptive and maladaptive responses to stressors in the maternity cycle and their effect on the neonate. Clinical laboratory focuses on the application of nursing theory and process in providing preventive, supportive, and restorative care to mothers and neonates.

NURS 356. Pediatric Nursing (5)

Two-and-one-half hours of lecture and 7.5 hours of laboratory.
Prerequisites: Nursing 206, 208, and 302 or 304.
Stressors affecting the child on health-illness continuum. Nursing theory and laboratory focuses on application of nursing process in providing preventive, supportive and restorative therapeutic modalities in a variety of settings. Emphasis on the child in the family and the necessary intervention to promote adaptation of the child to attain, maintain or regain an optimum level of health.

NURS 358. Basic Electrocardiography (1) Cr/NC

Prerequisite: Nursing 300.
Basic electrophysiological and interpretive concepts necessary for identification and management of supraventricular and ventricular rhythms.

NURS 397. Preparation for Clinical Practice (1) Cr/NC

Two hours per week of supervised practice.
Prerequisite: Admission to the School of Nursing.
Supervised practice of nursing skills and techniques. Course is elective for students. Credit earned in this course not applicable to bachelor's degree.

NURS 400. Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II (3.5)

Prerequisites: Nursing 300 and concurrent registration in Nursing 400L.
Theory in care of adults of all ages who have acute and chronic health concerns leading to complex and high acuity health problems. Not open to students with credit in Nursing 452 or 454.

NURS 400L. Nursing Care of the Acute and Chronically Ill Adult and Gerontologic Patient II Laboratory (2.5)

Nine hours of clinical practice.
Prerequisites: Nursing 300 and concurrent registration in Nursing 400.
Clinical care of adults of all ages who have acute and chronic health concerns leading to complex and high acuity health problems. Not open to students with credit in Nursing 452 or 454.

NURS 410. Gerontological Nursing (3)

Two lectures and three hours of laboratory.
Prerequisites: Nursing 300, 304.
Theory and selected laboratory experience focusing on stressors affecting elderly on health-illness continuum. Gerontologic nursing in a variety of settings.

NURS 415. Community Health Nursing (3)

Prerequisites: Nursing 300, 304, and concurrent registration in Nursing 415L.
Assessment and utilization of community health care concepts and delivery with emphasis on promotion of health, prevention of illness and individual and group teaching techniques. Consideration given to cultural aspects of health care.

NURS 415L. Community Health Nursing Laboratory (2)

Six hours of laboratory.
Prerequisites: Nursing 300, 304, and concurrent registration in Nursing 415.
Laboratory experience in care of clients in the community and nursing of community as client.

NURS 421. Professional Formation C (1)

Prerequisite: Nursing 321.
Current and emerging roles in nursing leadership. Practice environments, expectations of society in these environments, role of health policy and advocacy in leadership, methods to remain current in professional practice.

NURS 437. Care Management of People with Complex Health Needs (6)

Three-and-one-half hours of lecture and five hours of laboratory.
Prerequisites: Nursing 307, 312, 320 with a grade of C (2.0) or better in each course. Admission to the RN to BS program.
Theory and clinical practice in the care management of people of all ages who have complex health concerns that require coordination of care across disciplines and transitions between care settings.

NURS 458. Nursing Management and Leadership (3)

Prerequisites: Nursing 316, 415, 415L; concurrent registration in Nursing 458L.
Theories and functions of nursing management and leadership within health care system. Economics of health care.

NURS 458L. Nursing Management and Leadership Laboratory (2)

Six hours of laboratory.
Prerequisite: Concurrent registration in Nursing 458.
Laboratory experience in nursing management and leadership.

NURS 496. Experimental Topics (1-4)

Selected topics. May be repeated with new content. See *Class Schedule* for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor's degree.

NURS 498. Cooperative Education Supervised Practice (2-6) Cr/NC

Seminar: Two hours biweekly. Clinical hours arranged by student and employer.
Prerequisite: Nursing 300.

Supervised practice in application of previously learned knowledge and skills in selected clinical agencies. Professional interaction with other health care workers to strengthen professional nursing identity. Work under supervision of registered nurse preceptor and faculty coordinator. May be repeated. Maximum credit six units.

NURS 499. Special Study (1-3)

Prerequisites: Nursing 300 and consent of instructor.
Individual study. Maximum credit six units.

**UPPER DIVISION COURSES
(Also Acceptable for Advanced Degrees)**

NURS 501. Advanced Health Assessment and Health Promotion (3)

Prerequisites: Consent of School of Nursing graduate adviser; concurrent registration in Nursing 501L.
Physical and psychosocial assessment techniques, health promotion strategies for select populations.

NURS 501L. Advanced Health Assessment and Health Promotion Laboratory (1)

Three hours of laboratory.
Prerequisites: Consent of School of Nursing graduate adviser; concurrent registration in Nursing 501.
Laboratory experience in advanced health assessment and health promotion.

NURS 596. Special Topics in Nursing (1-3)

Prerequisites: Completion of 30 upper division units in nursing or graduate status; 3.0 grade point average.
Selected topics in the practice of nursing. May be repeated with new content. See *Class Schedule* for specific content. Limit of nine units of any combination of 296, 496, 596 courses applicable to a bachelor's degree. Maximum credit of six units of 596 applicable to a bachelor's degree. Credit for 596 and 696 applicable to a master's degree with approval of the graduate adviser.

**GRADUATE COURSES
Refer to the *Graduate Bulletin*.**
