

Nursing

In the College of Health and Human Services

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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, California Board of Registered Nursing, and the Commission on Collegiate Nursing Education.

Faculty

Emeritus: Broom, Dillon (Salerno), Flagg, Freitas, Gulino, Hines, Laiho, LaMonica, Lantz, Leslie, Lookinland, Loveridge, Moffett, Morris, Riegel, Shively, Thomas, Verderber, Wahl, Wozniak

Interim Director: Heineken

Associate Directors: Anderson, Saarmann

Professors: Blenner, Heineken, Wahl, Walker

Associate Professors: Anderson, Fitzsimmons, Hadley, Reed, Saarmann

Assistant Professors: Hunter, Lee, Suh, Sweeney

Lecturers: Bass, Bidwell, Blackford, Burns, Coffin-Romig, Esernia, Faron, Fischer, Gaines, Gilbert, Hall, Hanscom, Herold, Jurf, Katzman, Kohler, Kolhby, Lischke, Long, McCarthy, Miller, M. A., Miller, M. E., Ngo-Nguyen, Ottem, Parr, Preston, Reyno, Samad, Santarsiero, Walsh

Offered by the School

Master of Science degree in nursing.

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.

The Major

The nursing profession is concerned with the total health care of the individual and the family. It is a profession which 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 humanistic sciences, as well as in specific nursing practice skills and techniques.

Students in the nursing program are provided opportunities to acquire knowledge from the natural and social sciences; to develop critical thinking and professional 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 and trends 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.

Impacted Program

The nursing major is an impacted program. To be admitted to the nursing major, students must meet the following criteria:

- a. First-time freshmen must have completed one year of high school college preparatory courses in advanced algebra, biology, and chemistry with laboratory. Transfer students must have completed the same requirements or equivalent college-level courses;
- b. Complete with a minimum GPA of 2.50: organic chemistry (1 semester), introductory sociology, introductory psychology, oral communication (Communication 103), general biology, human anatomy with laboratory, and microbiology (1 semester with laboratory) (anatomy and microbiology must total 7 semester units with a minimum grade of B- in each course). These courses cannot be taken for credit/no credit (Cr/NC);
- c. Show evidence of volunteer and health care experience, bilingual ability, and leadership/achievement in school or community organizations;
- d. For fall admission, submit the nursing supplemental application by November 30;
- e. For spring admission, submit the nursing supplemental application by August 31.

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 premajor at SDSU (assuming continuous enrollment).

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

1. **Prerequisite Courses.** The following courses, or their equivalents, and course grades are required for admission to the nursing program:
 - a. Course grade requirement (C- or better) in each of these required university courses: Biology 100, Chemistry 130*, Communication 103, Psychology 101, and Sociology 101.
 - b. Course grade requirement (B- or better) in each of these required university courses: Biology 210 and 212.

*It is recommended that students with limited chemistry background take Chemistry 100 before Chemistry 130.

2. **Minimum Grade Point Average.** Applicants must complete the seven prerequisite courses with a minimum overall grade point average of 2.5.

3. **Mathematics and Writing Competency Requirements.** Prior to admission to the School of Nursing, all students must satisfy the SDSU mathematics and writing competency requirements.
4. **Additional Point System.** Applicants requesting admission to the professional coursework will be ranked and evaluated on the basis of a point system. A maximum of 77 points can be earned in meeting the prerequisite courses, recognition of outstanding achievement, health care experience and bilingual ability requirements, and applicants will be ranked in accordance with points earned. Letters of reference will be required to verify specific achievements, leadership, participation and work experience. For specific additional point system allocation, consult the School of Nursing office.
5. **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 office.
6. **Academic Credit Through Examination.** Academic credit by examination may be obtained by those whose prior education and/or experience provides the knowledge and skills required to meet the objectives of one or more courses. Students who believe they may be eligible for credit by examination should contact the School of Nursing office for an appointment for special advising prior to submitting their application for admission. For university policy regarding credit-by-examination, consult "Academic Credit Through Examination" in the "General Regulations" section of this catalog.
7. **Registered Nurse – Bachelor of Science, Major in Nursing Program.** A registered nurse–Bachelor of Science in nursing program is available for registered nurses with either an Associate Degree in Nursing or a Diploma in Nursing. Students eligible for this option should contact the School of Nursing office for special advising and program planning.
8. **Formal Application.** Applicants must make an application to the university according to deadlines for impacted programs. In addition, application to the nursing program can be made during the semester that the student is completing prerequisite non-nursing courses (23 units). Application forms may be obtained at the School of Nursing office and on the School of Nursing Web site <http://nursing.sdsu.edu>. Consult the School of Nursing Web site for the deadline date and any updated information.

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.
3. **Liability Insurance and Transportation.** Students enrolled in the nursing program are required to provide their own professional liability insurance and transportation to off-campus clinical agencies and for home visits.
4. **Honors Program.** The honors program is available to students in the senior level who meet the criteria. Four units of honors courses constitute the honors program and will be validated as such on the official transcript. Less than four units completed will not be validated as "honors," but may be credited as a special studies program.
5. **Health Insurance.** All students are advised to obtain health insurance coverage. Students are responsible for health care cost when services are rendered by a health care agency.

6. **CPR Certification.** Students are required to be certified through either the American Heart Association (health care provider) or American Red Cross (Professional Rescue). Both are Level C. Certification must be maintained throughout the program.
7. **Licensure.** Students should request consultation with the undergraduate adviser regarding problems of license by endorsement with other states if the R.N. license examination is taken prior to degree completion.
8. **Malpractice Insurance.** Upon admission to the nursing program, students must purchase professional liability insurance (\$1 million to \$3 million). Students must maintain insurance throughout the program.
9. Upon admission to the nursing program, students are required to have a physical examination and bring proof of the examination and required immunizations to Student Health Services.
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

<i>Units</i>		
BIOL 210	Fundamentals of Microbiology	4
BIOL 261	Human Physiology	4
NURS 254	Nurse-Client Relationships.....	3
NURS 304	Clinical Pharmacology in Nursing Practice	3
*# NURS 308	Adult Health Nursing	6
# NURS 314	Gerontological Nursing	3
*# NURS 416	Psychiatric-Mental Health Nursing	5
NURS 460	Professional Development	2
	Total	30

*Includes management/evaluation of patient care.
#Includes geriatric nursing.

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.

- I. **Communication and Critical Thinking:** 9 units
You may *not* use Credit/No Credit grades in this section.
 1. Oral Communication: Communication 103 (3 units)
 2. Composition (3 units)
 3. Intermediate Composition and Critical Thinking (3 units)
- II. **Foundations:** 28 units
 - A. Natural Sciences and Quantitative Reasoning (10 units)
 1. Physical Sciences (3 units) to be satisfied by:
Chemistry 130 (3 units)
 2. Life Sciences (3 units) to be satisfied by:
Biology 100 (3 units)
 3. Laboratory (1 unit) to be satisfied by:
Biology 210
or
Biology 212
or
Biology 261
 4. Mathematics/Quantitative Reasoning (3 units) You may *not* use Credit/No Credit grades.
 - B. Social and Behavioral Sciences (6 units) to be satisfied by:
Psychology 101 (3 units)
Sociology 101 (3 units)

C. Humanities (12 units)

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

III. American Institutions: Three units of the six units of coursework which meet the American Institutions graduation requirement may be used in General Education, excluding courses numbered 500 and above.

IV. Explorations: 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 Psychology 351 and six upper division units in Humanities *OR* three upper division units in Humanities and three upper division units in Social and Behavioral Sciences *OR* three upper division units in Humanities and three upper division units in Natural Sciences. Three units must be selected from a course of cultural diversity. Refer to General Education course offerings in the Graduation Requirements section of the catalog.

Major Academic Plans (MAPs)

Visit <http://www.sdsu.edu/mymap> for the recommended courses needed to fulfill your major requirements. The MAPs Web site 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)

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 are eligible to take the State Board Registered Nurse license examination after completing seven semesters of the prescribed curriculum. Graduates are eligible to apply for the California Certificate of Public Health Nursing.

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

Preparation for the Major*. Upon acceptance into the program, Nursing 202, 206, 252, 254; Biology 261; three units in statistics should be selected from General Education requirements in Foundations II.A., Mathematics/Quantitative Reasoning; and three units in growth and development or Psychology 230. (27 units)

* Prerequisite courses needed for admission to the nursing program include: general biology, human anatomy with laboratory, microbiology with laboratory, organic chemistry, introductory sociology, introductory psychology, and oral communication (Communication 103).

NOTE: A grade of C (2.0) or better is *required* in all nursing courses except Nursing 453 which, as an elective is exempt from this requirement. No nursing course may be repeated more than once. A grade of C (2.0) or better or Cr is required in corequisite courses. (Biology 261, Psychology 351, growth and development, and statistics).

Biology 261 is a prerequisite to beginning second semester nursing courses. Child and Family Development 270 or Psychology 230 is required prior to the fourth semester in the nursing program. Psychology 351 is also required prior to the fifth semester in the nursing program.

Progress in the nursing program is dependent upon completion of nursing courses in the prescribed sequence as outlined above. Students will not be permitted to progress to the next semester until nursing courses are completed from the previous semester.

Graduation Writing Assessment Requirement. Passing the Writing Proficiency Assessment with a score of 10 or above or completing one of the approved upper division writing courses (W) with a grade of C (2.0) or better. See page 81 in "Graduation Requirements" section for a complete listing of requirements.

Major. A minimum of 48 upper division units in nursing to include Nursing 304, 307, 308, 314, 354, 356, 414, 416, 458, 460; and 452 or 454.

Registered Nurse – Major in Nursing Program

With the B.S. Degree in Applied Arts and Sciences (Major Code: 12031)

A Registered Nurse - Bachelor of Science nursing program is available for registered nurses with either an Associate Degree in nursing or a Diploma in nursing. This program gives credit for previous coursework. Students eligible for this option should contact the School of Nursing for special advising and program planning.

Standards for Admission. See Standards of Admission for Professional Program in Nursing. All Standards, except # 4, apply.

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

1. Copy of current California RN license.
2. Official transcript showing AD Degree or Diploma.
3. Official transcripts from all colleges/universities attended to date.
4. CPR certification – "Healthcare Provider" or "Professional Rescuer" level.

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

Curriculum Plan. A total of 120 units are required for the degree. Transfer credit for 27 or more nursing units is granted. Upon admission to the university and the School of Nursing, students will receive 15 units of upper division credit (credit by examination) in lieu of the following courses: NURS 354, Nursing Care of the Childbearing Family; NURS 356, Parent-Child Nursing; NURS 416, Psychiatric-Mental Health Nursing.

Program

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

Units

NURS 307	Nursing Research	3
NURS 312	Concepts of Professional Nursing	3
NURS 414	Community Health Nursing	6
NURS 458	Nursing Management and Leadership	5
NURS 500	Advanced Health Assessment and Health Promotion	4
NURS 452	Basic Concepts in Critical Care Nursing.....	5*
	AND	
NURS 453	Basic EKG Monitoring	1
	OR	
NURS 454	Primary Health Care Nursing	5

* NURS 610, Pathophysiology of Adults and Elderly, and a NURS 499 clinical experience may be substituted for NURS 452 with consent of the instructor.

School Nurse Services Credential

(Credential Code: 00600)

San Diego State University offers curricula leading to the School Nurse Services Credential. This authorizes the holder to serve as a School Nurse. For information concerning the credential, the student is referred to the School of Nursing office, HT-58, or the School of Nursing Web site.

The School Nurse Services Credential has been approved by the Commission on Teacher Credentialing.

All applicants seeking admission to the School Nurse Services Credential program *must* be admitted to the university and accepted as a classified postbaccalaureate student.

Standards for Admission

1. Baccalaureate degree in nursing or related field (including community health nursing).
2. Current California Registered Nurse License.
3. Required admission and planning interview with program adviser.
4. Have a minimum cumulative grade point average of 3.0 on a 4.0 scale in undergraduate upper division courses.
5. One year experience as a registered nurse within five years of application.
6. Undergraduate community health nursing course.

Program

The following program elements are required of all school nurse credential candidates: (31 units)

Units

NURS 500	Advanced Health Assessment and Health Promotion.....	4
NURS 670	School Nursing Management Practices	3
NURS 672	Primary Health Care of the School-Aged Child	3
NURS 674	Health Education for School Nurses	3
NURS 900	Current Concepts in Community Health Nursing	3
NURS 901	Family Health Theory and Nursing Practice	3
NURS 902	Primary Health Care of School-Aged Child Practicum	3
SLHS 540	Hearing Conservation and Audiometry for School Nurses	3
SPED 500	Human Exceptionality	3
Electives:	Three units to be selected with approval of adviser.	

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 101. Introduction to Nursing (3) Cr/NC I, II

Nursing from a historical, current, and future perspective. Philosophy and science of nursing, nursing specialties, and academic preparation for professional nursing practice. Not required for the major.

NURS 202. Client Assessment (4) I, II

Two lectures and six hours of laboratory.

Prerequisites: Admission to nursing program and concurrent registration in Nursing 206 and Biology 261.

Determining and measuring variables relevant to assessment of psychosocial and physical functioning.

NURS 206. Nursing Practice I (5) I, II

Three lectures and six hours of laboratory.

Prerequisites: Admission to nursing program and concurrent registration in Nursing 202 and Biology 261.

Basic nursing skills and integration of diagnosis, planning, and implementation of nursing care. Application of nursing process.

NURS 252. Nursing Practice II (5) I, II

Three lectures and six hours of laboratory.

Prerequisites: Nursing 202, 206, Biology 261, and concurrent registration in Nursing 254.

Focus on psychological, social and biological stressors affecting man's health status and the modalities of nursing intervention which promote health. Emphasis on developmental and situational stressors commonly experienced in modern society and man's adaptive and maladaptive behavioral and biological responses from adulthood through senescence.

NURS 254. Nurse-Client Relationships: Cultural and Mental Health Concepts (3) I, II

Prerequisites: Nursing 202 and 206; concurrent registration in Nursing 252.

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

UPPER DIVISION COURSES (Intended for Undergraduates)

NURS 304. Clinical Pharmacology in Nursing Practice (3) I, II

Prerequisites: Nursing 252, 254; concurrent registration in Nursing 308, 314.

Major classifications of drugs; pharmacological and toxicological activity; clinical applications. Role of nurse in assessment, intervention, and patient education. (Formerly numbered Nursing 456.)

NURS 307. Nursing Research (3) I, II

Prerequisites: Nursing 304, 308, 314; concurrent registration in Nursing 354 and 356.

Nursing research process. Emphasis on identification of researchable questions and beginning critiquing ability.

NURS 308. Adult Health Nursing (6) I, II

Three lectures and nine hours of laboratory.

Prerequisites: Nursing 252, 254; concurrent registration in Nursing 304 and 314.

Application of theories of stressors and/or biological responses specifically affecting the adult on the health-illness continuum. Laboratory focuses on the application of the nursing process in implementing preventive, supportive, and restorative therapeutic modalities which assist the adult client to reestablish, maintain, or develop new adaptive responses.

NURS 312. Concepts in Professional Nursing (3) I, II

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 314. Gerontological Nursing (3) I, II

Two lectures and three hours of laboratory.

Prerequisites: Nursing 252, 254; concurrent registration in Nursing 304 and 308.

Theory and selected laboratory experience focusing on stressors affecting elderly on health-illness continuum. Gerontologic nursing in a variety of settings.

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

Prerequisite: Completion of the General Education requirement in Foundations 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) I, II

Two lectures and nine hours of laboratory.

Prerequisites: Nursing 304, 308, 314; concurrent registration in Nursing 307 and 356.

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. Parent-Child Nursing (5) I, II

Two lectures and nine hours of laboratory.

Prerequisites: Nursing 304, 308, 314; concurrent registration in Nursing 307 and 354.

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 414. Community Health Nursing (6) I, II

Three lectures and nine hours of laboratory.

Prerequisites: Nursing 307, 354, 356; concurrent registration in Nursing 416.

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 416. Psychiatric-Mental Health Nursing (5) I, II

Three lectures and six hours of laboratory.

Prerequisites: Nursing 307, 354, 356; concurrent registration in Nursing 414.

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.

NURS 452. Basic Concepts in Critical Care Nursing (5) I, II

Three lectures and six hours of laboratory.

Prerequisites: Nursing 414 and 416; concurrent registration in Nursing 453, 458, and 460.

Theory and selected laboratory experience in care of clients with complex health problems requiring intensive nursing care. Consideration given to student's preference for specific clinical area of concentration.

NURS 453. Basic EKG Monitoring (1) Cr/NC I, II

Prerequisite recommended: Concurrent registration in Nursing 452.

Basic electrophysiological and interpretive concepts necessary for identification and management of supraventricular and ventricular rhythms.

NURS 454. Primary Health Care Nursing (5) I, II

Three lectures and six hours of laboratory.

Prerequisites: Nursing 414 and 416; concurrent registration in Nursing 458 and 460.

Theory and selected laboratory experiences in primary health care settings. Implementation of expanded role of professional nurse in primary care. Major primary care health problems. Health monitoring, continuity of care, epidemiological concepts, risk appraisal, health teaching, counseling, motivation.

NURS 458. Nursing Management and Leadership (5) I, II

Three lectures and six hours of laboratory.

Prerequisites: Nursing 414 and 416; concurrent registration in Nursing 460 and Nursing 452 or 454.

Theories and functions of nursing management and leadership within health care system. Economics of health care.

NURS 460. Professional Development (2) I, II

Prerequisites: Nursing 414 and 416; concurrent registration in Nursing 458 and Nursing 452 or 454.

Preparation for professional role in nursing. Emphasis in socioeconomic, political, and legal aspects of nursing. Discussions of advocacy, ethics, and current issues.

NURS 496. Experimental Topics (1-4) I, II

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 I, II, S

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

Prerequisite: Nursing 308.

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 two units applicable to a bachelor's degree.

NURS 499. Special Study (1-3) I, II

Prerequisites: Nursing 308 and consent of instructor.

Individual study. Maximum credit six units.

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

NURS 500. Advanced Health Assessment and Health Promotion (4) I

Three lectures and three hours of laboratory.

Prerequisite: Consent of graduate or credential adviser.

Physical and psychosocial assessment techniques, health promotion strategies for select populations.

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. Maximum credit of three units of 596 applicable to a master's degree. Maximum combined credit of six units of 596 and 696 applicable to a 30-unit master's degree.

GRADUATE COURSES

Refer to the *Graduate Bulletin*.

