



# NURSING

BACHELOR OF SCIENCE  
MASTER OF SCIENCE  
SCHOOL NURSE HEALTH SERVICES CREDENTIAL

## PROGRAM DESCRIPTION

The Division of Nursing offers programs leading to a Bachelor of Science degree in Nursing, a Master of Science degree in Nursing and a School Nurse Health Services credential. Course offerings evolve from a philosophical belief that nurses function to assist health care consumers to achieve positive adaptive responses which lead to optimal wellness levels.

The curriculum of the Division is organized around the concept of reciprocal adaptation and the theories which relate to the changing needs of the individual, family, group and community. The faculty believes that each person is a unique, valued being who possesses intellectual, physiological, psychological, socio-cultural and spiritual needs. The individual and the environment are in a continuous reciprocal process of change and adaptation. The nurse uses caring behaviors and the science of nursing to facilitate positive adaptive responses.

Characteristics of the professional nurse include the ability to think critically and use the problem solving process while providing care. The nurse addresses the changing health needs of society in a manner consistent with scientific advancement, trends in health care delivery systems, and emerging legislation.

## FACULTY

Annita Watson, *Division Chair*

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## ADMISSION INFORMATION • BACHELOR OF SCIENCE

Admission to the CSUS baccalaureate Nursing program is a two-step process: 1) admission to the University and 2) admission to the Clinical Nursing program. Prospective first-time freshmen, and transfer students who will not complete certain Clinical Nursing prerequisites by the time they enroll, may apply for University admission at any time up to the regular application deadline. **They will be considered as pre-nursing majors until they enter the Clinical Nursing program.**

Admission to the *clinical* portion of the Nursing program is limited to 36-45 generic students and a minimum of 8-10 Registered Nurses each semester. A competitive selection process has been established since applications exceed program space. Generic applicants compete with other generic applicants; Registered Nurse applicants compete with other Registered Nurse applicants. Program admittees are selected from among students who meet the prerequisite requirements and follow the special application procedures described below. Continuing CSUS, transfer students and second baccalaureate degree applicants are given equal consideration in the selection process.

The clinical portion of the nursing program is open only to those who can satisfy the California residence requirements. Paying resident fees based on a military fee waiver does not classify one as a California resident.

## CAREER POSSIBILITIES

Registered Nurse in: Hospital, e.g. Medical, Surgical, Emergency Room, Operating Room, Pediatrics, Obstetrics, Mental Health, Critical Care, Oncology, Rehabilitation • Community Health • Home Health • Extended Care • Physician's Office • Clinics and Industry

## Clinical Nursing Prerequisites

The following prerequisites are to be met by time of enrollment unless otherwise stated.

1. Completion of a minimum of 48 semester units.
2. A grade point average of 2.50 based on the most recent 30 graded semester units and on any prerequisites taken *prior* to the last 30 graded semester units. Up to 50 admission points will be assigned based on the applicant's GPA.
3. Completion of the SAT or ACT. No minimum score is required. Up to 50 points will be assigned based on the applicant's total score from the best testing. The test must be taken no later than February for the following Fall semester or June for the following Spring semester. Either test may be taken any number of times. The highest score of any administration will be used.
4. Completion of the specific courses listed under **Pre-Clinical Courses** with a grade of C or better in each course. Pre-Clinical courses are acceptable regardless of date completed, but current knowledge is essential.

No more than two pre-clinical courses may be in progress in the semester prior to enrollment in the clinical major. No prerequisites may be taken in the summer prior to enrollment in the Fall semester.

5. Additional, though *optional*, criteria which a student may choose to use are the submission of evidence to substantiate: (a) bilingual skills, (b) multicultural work experience, (c) economic, educational or environmental disadvantage as part of one's background. Up to 15 additional points will be assigned based upon the appropriateness of the evidence and are allocated as follows:
  - a. Bilingual Skills (6 points)  
Spanish, Chinese, South East Asian Languages, East Indian Languages, Filipino, Russian, or American Sign Language

The bilingual skills will be determined by:

- Completion of three years high school coursework **OR**
  - Completion of two years college work **OR**
  - Completion of an oral proficiency examination
- b. Multicultural Work Experience (3 points)  
The multicultural work experience is to be documented and must consist of a minimum of 64 hours of paid or volunteer work in a setting comprised of two or more cultural groups. The minimum 64 hour requirement is to be met prior to application to the clinical major. Two points will be awarded for general work experience in a multicultural setting. An additional point will be awarded if the work experience is in a health related area.
  - c. Background (6 points)  
A maximum of 6 points is available, 2 points for each background subcategory — Economic, Educational and Environmental. Each background is defined as follows:  
**Economic Background** – History of family's low income status/welfare as income.

**Educational Background** – Little or no parental, family or support group education beyond elementary and secondary school, low socio-economic level of school population, low ranking of school in statewide test, no higher education counseling.

**Environmental Background** – Migrant family, rural community, receiving welfare, large family, parents divorced, limited peer support, first to attend college, English as a second language, cultural inculcation, i.e., residence on reservation, migrant camp.

## Clinical Nursing Application Procedures

### FALL SEMESTER

#### November

- University application due
- Write to every college attended, requesting a transcript be mailed to the CSUS Admissions and Records Office
- Ask questions regarding pre-nursing prerequisite equivalencies and transferability of courses (especially important for Registered Nurses)

#### December

- File a request at your current college for a transcript to be sent as soon as grades from your Fall term have been recorded (do not wait until the Fall term has ended to file)
- Schedule any remaining nursing prerequisite course to be completed *prior* to summer school

#### January

- **A Clinical Nursing Application will be mailed to all Pre-Nursing students (see application for your deadline date)**

#### February

- Last SAT or ACT test date for a Fall Clinical Admission (picture ID required)
- *All transcripts must* be in applicant's CSUS Admissions file

#### April

- Letter of admission or denial mailed (first week)
- Letter of acceptance required (third week)

### SPRING SEMESTER

#### June

- Ask questions regarding pre-nursing prerequisite equivalencies and transferability of courses (especially important for Registered Nurses)
- Write to every college attended, requesting a transcript be mailed to the CSUS Admissions and Records Office

#### July

- File a request at your summer school asking for a transcript to be sent as soon as your summer term grades have been recorded (do not wait until summer school has ended to file)

#### August

- University application due

#### September

- **A Clinical Nursing Application will be mailed to all Pre-Nursing students (see application for your deadline date)**
- Last SAT or ACT test date for a Spring Clinical Admission (picture ID required)
- *All transcripts must* be in applicant's CSUS Admissions file

#### November

- Letter of admission or denial mailed (first week)
- Letter of acceptance required (third week)

Both transfer and continuing CSUS Pre-Nursing students will receive a Nursing Application by mail. The application indicates the deadline date for return.

## Clinical Nursing Selection Criteria

1. The college grade point average, the results of the SAT or ACT, and the optional criteria, if selected by the student, will be used to determine program admission.
2. The GPA and SAT or ACT will be weighted **equally** in the selection process.
3. Admittees will be selected from a rank ordering of total points assigned to different GPA and SAT or ACT result levels as well as points assigned to the optional criteria.

For more information on admission to the Clinical Nursing program, contact the Nursing Division office, (916) 278-6525.

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## ADDITIONAL INFORMATION

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### Health Requirements

The student admitted to the Clinical Nursing program is required to have a physical examination and specified inoculations by the Student Health Service or a private physician prior to beginning nursing coursework. Complete information on health requirements for nursing students may be secured from the Division of Nursing.

### Admissions Advising

Group advising meetings with nursing faculty are scheduled throughout the academic year. Times of these meetings are available in the Division of Nursing office, (916) 278-6525. Publications about the program are also available.

### Professional Liability Insurance, Transportation Schedules and CPR Certification

All students enrolled in clinical laboratory courses in the nursing major must provide their own professional liability insurance and transportation to extended campus facilities. Professional liability insurance is mandatory prior to beginning clinical experiences. Liability insurance may be purchased at a discount rate by students who join the California Nursing Students' Association (CNSA). In certain nursing courses, students may have a rotating schedule in the clinical laboratory necessitating flexibility in planning other classes and activities. Category C CPR certification for medical professionals is required as a prerequisite to the program and recertification must be maintained according to the requirements of the American Heart Association or Red Cross.

### Challenge by Examination

The Division of Nursing offers the opportunity of petitioning certain nursing courses for credit by examination. (NURS 144, 150, 155 and 156 may not be challenged.) If the student by reason of special study, experience or training, already possesses the skills, knowledge and attitudes which are the objectives of the given course, he/she may petition for credit by examination. A maxi-

mum of 30 units may be challenged. Licensed Registered Nurses, Licensed Vocational Nurses, and Corpsmen are examples of students who may be eligible to challenge specific nursing courses. Additional information may be obtained by referring to "Credit by Examination" in the CSUS Catalog or by contacting the Division of Nursing. Advising sessions for students wishing to challenge are held regularly.

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## FEATURES

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The baccalaureate program consists of a four-year curriculum of lower and upper division coursework. Its content is to prepare competent professional practitioners of nursing who will help meet the changing health care needs of society. The specific purposes of the program are to: 1) provide a program of study which includes the developing theory and practices of nursing leading to a Bachelor of Science Degree with a major in Nursing, 2) prepare a generalist in nursing practice who is able to utilize the nursing process to meet the health care needs of the community and 3) provide the student with a base for graduate study.

In the baccalaureate program, students are provided with a variety of learning experiences both on and off campus. Examples of clinical facilities used in the Sacramento and surrounding areas include: 1) acute care hospitals, 2) skilled nursing and extended care facilities, 3) outpatient clinics, 4) child care centers, 5) schools, and 6) community health, and social service agencies.

Students are encouraged to participate in the California Nursing Students' Association (CNSA) as they pursue their academic studies. In their fourth semester of clinical nursing coursework, they are eligible for membership in Zeta Eta, the local chapter of Sigma Theta Tau, International Honor Society for Nursing. Upon graduation from the program, they are also eligible for membership in the Division of Nursing Alumni Association.

The program in professional nursing is approved by the California State Board of Registered Nursing and is fully accredited by the National League for Nursing. The Division of Nursing has been a member agency of the Council of Baccalaureate and Higher Degree Programs of the National League for Nursing since 1960.

The student satisfactorily completing the baccalaureate program is awarded a Bachelor of Science Degree in Nursing and is eligible to apply for licensure by the California Board of Registered Nursing. (Note: Upon completion of the first seven academic semesters of the recommended course sequence in nursing, the student may apply for the licensing examination administered by the California Board of Registered Nursing. Additional coursework is necessary to complete the requirements for the baccalaureate degree.) Following licensure and graduation, the student is eligible to apply for the Public Health Nursing Certificate issued by the California Department of Health Services.

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## MAJOR REQUIREMENTS • BS

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Total units required for BS: 132

Total units required for Major: 88-91

See class descriptions for Nursing course prerequisites.

### A. Required Pre-Clinical Courses (31 units)

When possible, students are encouraged to also apply their pre-clinical courses to General Education requirements.

- (3) An introductory college composition course such as:  
ENGL 1A College Composition
- (3) An introductory psychology course such as:  
PSYC 1 Introductory Psychology: Basic Processes  
PSYC 5 Introductory Psychology: Individual & Social Processes
- (5) An organic chemistry course with a lab such as:  
CHEM 6B Introduction to Organic & Biological Chemistry (CHEM 1A or 6A)
- (4) An anatomy course with a lab such as:  
BIO 22 Introductory Human Anatomy (BIO 10)
- (4) A physiology course with a lab such as:  
BIO 131 Systemic Physiology (BIO 10, 20, or 22, and one year of college chemistry).
- (4) A microbiology course with a lab such as:  
BIO 139 General Microbiology (BIO 10; CHEM 6B or 20)
- (3) A nutrition course such as:  
HUES 113 Nutrition & Metabolism (BIO 10 or 20; CHEM 1A, 6A. Passing score in WPE.)
- (3) A human development course such as:  
CHDV 30 Human Development
- (2) A pharmacology course such as:  
NURS 14 Pharmacology

### B. Required Clinical Nursing Courses (54-57 units)

#### 1. Required Lower Division Courses (13 units)

- (3) NURS 11\* Introduction to Professional Nursing
- (5) NURS 12\* Nursing Care of Adults
- (2) NURS 15\* Introduction to Clinical Nursing Practice
- (1) NURS 16\* Physical Assessment of the Adult
- (2) NURS 17\* Concepts & Practices of Gerontological Nursing

\*These courses must be taken as a group.

#### 2. Required Upper Division Courses (41 or 47 units)

- (3) NURS 111A\* Transitional Concepts for Prof. Nursing
- (3) NURS 111B\* Bridging Constructs for Returning Nurses (NURS 111A,\* 124)
- (6) NURS 123° Nursing Families in Complex Illness
- (1) NURS 128° Therapeutic Interpersonal & Group Communication in Nursing
- (5) NURS 129° Mental Health Nursing
- (1) NURS 136† Nursing the Childbearing Family: Skills & Assessment
- (5) NURS 137† Nursing the Childbearing Family
- (5) NURS 138† Nursing the Childrearing Family
- (1) NURS 139† Nursing the Childrearing Family: Skills and Assessment
- (6) NURS 143<sup>Δ</sup> Leadership & Management in Nursing Practice
- (5) NURS 144<sup>Δ</sup> Community Health Nursing
- (2) NURS 150<sup>Δ</sup> Research in Nursing
- (1) NURS 155<sup>‡</sup> Senior Forum
- (3) NURS 156<sup>‡</sup> Selected Senior Practicum in Nursing

° Prerequisites are NURS 11/111A\*, 12, 15, 16, 17, 111B\*

† Prerequisites are NURS 123, 128, 129

<sup>Δ</sup> Prerequisites are NURS 136, 137, 138, 139

<sup>‡</sup> Prerequisites are NURS 143, 144

\*Required only of RN BSN Completion students.

**Note:** Satisfactory completion of the program requires a grade of “C” or better in every clinical nursing course. Opportunity to repeat nursing courses will depend upon the number of students enrolled in courses and availability of clinical experiences. A student who receives less than a “C” grade in two nursing courses may not be allowed to continue in the nursing program.

### C. Additional Graduation Requirements (3 units)

- (3) A course in societal-cultural patterns\* prior to certification of eligibility for state licensure such as:  
ANTH 2 Introduction to Cultural Anthropology  
ANTH 144 Contemporary American Culture  
ANTH 186 Culture & Poverty  
ANTH 188 Anthropology of the Body  
SOC 1 Principles of Sociology

**Note:** The following additional courses are strongly recommended but not required:

- |          |                                        |
|----------|----------------------------------------|
| NURS 10  | Health Care: Issues & Delivery Systems |
| NURS 160 | Human Sexuality                        |
| NURS 167 | Women’s Health                         |
| NURS 168 | The Brain & Gender-Related Differences |
| PHYS 2   | Topics in Elementary Physics           |
- a Statistics course, particularly for students planning graduate study

\* Equivalent lower division courses are acceptable.

#### Notes:

- Applicants with a prior baccalaureate degree are exempt from General Education requirements. However, U.S. History, Constitution and State/Local Government requirements must still be met.
- In addition to the major in Nursing, students may also complete a minor in another discipline. For example, a minor in Biology has been outlined which uses many of the pre-clinical biological sciences taken at CSUS. There are numerous disciplines which would enrich the baccalaureate degree in Nursing. Information on minors can be obtained by contacting the department of interest.

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## LICENSURE OPTION FOR LICENSED VOCATIONAL NURSES

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California law allows Licensed Vocational Nurses to take the Registered Nurse licensure exam after completing 30 units of academic coursework in Nursing and related science subjects. For more information on this option contact the Division of Nursing to make an appointment to speak with an advisor. Admission to the University is required.

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## GRADUATE PROGRAM

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The Master of Science in Nursing is designed to prepare nursing managers, educators and family nurse practitioners with advanced clinical skills. The curriculum emphasizes the systematic study of professional nursing practice and preparation for a leadership role. The program includes both classroom and field experiences in advanced clinical concepts and functional role preparations. The program is planned for nurses currently employed in hospitals, long-term care facilities, health agencies and educational institutions who require graduate preparation to qualify for present positions or desire advancement to positions of greater responsibility and complexity. Scheduling of program offerings will provide maximum flexibility and the opportunity for self-directed study.

Students begin the program with core courses and proceed into either functional role courses (Educator, Administrator or Nurse Practitioner) or clinical role courses (Adult, Family-Community, School Nursing or Primary Care). Core courses are offered yearly. Functional and clinical courses are offered in alternate years. Within the Family-Community clinical role courses, students may emphasize Maternal-Child, Community Health or Mental Health Nursing. Within the Adult clinical role courses, the emphasis is on the acute care medical-surgical setting. Students interested in gerontology may focus on either community-based or acute care of the elderly.

Students desiring the School Nurse Credential must be admitted to the MS program unless already possessing a master's degree. These students use 12 units from the credential requirements to meet the clinical and elective units for the MS degree. In addition, the Education functional courses for the MS degree may be used to meet Credential requirements. (See school nurse advising brochure for credential-specific courses.)

### **Family Nurse Practitioner • Master's Option**

Students applying to the University of California, Davis, Family Nurse Practitioner Program (FNP) who meet the admission requirements for the MS in Nursing at CSUS may apply concurrently to complete the MS degree requirements. FNP students complete twelve (12) semester units of core courses at CSUS, and the three (3) units culminating thesis/project requirements. Students must be admitted to both programs, and meet the fee obligations for both campuses separately (see fees for part-time enrollment at CSUS). CSUS graduate courses are scheduled to coincide with progression through the UCD program. Residency requirements for CSUS are met through completion of the 15 units at CSUS and selected UCD courses. Admission is annually for a Fall semester. See Admission Requirements for the MS in Nursing for additional information.

## **Admission Requirements**

To be considered for admission to the Master of Science in Nursing, applicants must:

- have a Bachelor of Science degree in nursing from a National League for Nursing (NLN) accredited institution or its equivalent, OR, a Baccalaureate degree in a discipline related to nursing. Students with a BA or BS degrees in non-nursing areas must meet baccalaureate competencies in research, leadership and management, and community health before taking graduate courses in nursing. Competency may be verified through coursework, testing or experience, **and**
- be eligible for Public Health Certification in California, **and**
- have a grade point average of 3.0 in the last 60 units of undergraduate nursing coursework, **and**
- have an overall GPA of 3.0 (If one or both of the above GPA requirements are unmet, the student may apply for unclassified status and demonstrate academic ability by enrolling in, and successfully passing with a "B" or better, NURS 210A and NURS 212), **and**
- complete the Graduate Record Examination before the application deadline, **and**
- possess a current RN license in California, **and**

- have a minimum of one year of full-time nursing experience post initial licensure, **and**
- satisfactorily complete an introductory statistics course (STAT I or equivalent) within the past five years, **and**
- satisfactorily complete an introduction to Nursing Research course or equivalent. Students may enroll in the undergraduate research course, NURS 150, through concurrent enrollment to meet the admission requirements, **and**
- submit evidence of personal qualification and capacity for graduate study: (a) three personal references to include a current/former employer in nursing and a professor and (b) a statement of purpose that outlines the goals and objectives for the pursuit of graduate study

Students who have deficiencies in Admission Requirements or in background courses that can be remedied by specified additional preparation may be admitted to the program with conditionally classified graduate status.

### **Professional Liability Insurance and Health Requirements**

All students enrolled in clinical laboratory courses in the Master's program must provide their own professional liability insurance. Professional liability insurance is mandatory prior to beginning clinical experiences. The student admitted to the Master's program is required to have a physical examination and specified inoculations by the Student Health Service or a private physician prior to beginning nursing coursework. Complete information on health requirements may be secured from the Division of Nursing.

## **Admission Procedures**

Prospective graduate students, including CSUS graduates, must file the following with the Graduate Center:

- an application for admission to Graduate and Post Baccalaureate Programs,
- two sets of official transcripts from all colleges and universities attended, other than CSUS.

Applicants to the MS in Nursing program must also file with the Graduate Coordinator in Nursing, the following:

- three (3) letters of recommendation to include a current/former employer in Nursing and a professor,
- a statement of purpose that outlines the applicant's goals and objectives for the pursuit of graduate study

The deadline for completing all application requirements is January 30 for the following Fall semester in which the student wishes to enter. Applications completed after January 30 (i.e., late letters of reference or transcripts) may receive consideration if the class is not filled with qualified applicants whose materials met the deadline.

Notice of the decision regarding admission will be mailed to the applicant after files are complete and reviewed (usually April). A faculty advisor assignment will be sent prior to the beginning of the school year.

## Advancement to Candidacy

Each student must file an application for Advancement to Candidacy, indicating a proposed program of graduate study. The procedure should begin as soon as the classified graduate student has:

- removed any deficiencies in Admission Requirements, **and**
- completed at least 12 units in the graduate program, with a minimum 3.0 GPA, **and**
- obtained approval of thesis or project topic.

Advancement to Candidacy forms are available in the Graduate Center. The student fills out the form after planning a degree program in consultation with his/her advisor. The completed form is then returned to the Graduate Center for approval.

## Degree Requirements

The graduate program in Nursing requires completion of 36 units of coursework. The program is normally completed in six semesters of part-time study, beginning in the Fall semester. Longer programs of study may be arranged but must follow an approved pattern. Students pursuing the school nurse credential clinical role preparation will complete 43-57 units of study. **See nursing course descriptions for prerequisites.** An outline of degree requirements follows:

### A. Core Courses (12 units)

- (3) NURS 210A Research Methods & Techniques in Nursing I
- (3) NURS 210B Research Methods & Techniques in Nursing II
- (3) NURS 211 Issues & Ethics in Nursing & Health Care
- (3) NURS 212 Concepts & Theory Development in Nursing

### B. Functional Role Preparation (6-9 units)\*

- (3-6) Nursing systems administration, or, educational program development:
  - NURS 214A Nursing Systems Administration (NURS 210A, 212) **OR**
  - NURS 214B Educational Program Development in Nursing I (NURS 210A, 212) **and**
  - NURS 214C Educational Program Development in Nursing II (NURS 214B)
- (3) Nursing systems administration, or, educational program development:
  - NURS 294A Practicum in Nursing Systems Administration (NURS 210A, 212) **OR**
  - NURS 294C Practicum in Educational Program Development in Nursing (NURS 214B)

### C. Clinical Role Preparation (6 units)

- (3) Select one of the following (except School Nursing students):
  - NURS 213A\* Seminar in Specialized Nursing Processes: Family-Community Nursing
  - NURS 213B\* Seminar in Specialized Nursing Processes: Adult Nursing
  - NURS 213C\* Seminar in Specialized Nursing Processes: School Nursing I
  - NURS 213D Seminar in Specialized Nursing Processes: School Nursing II (NURS 213C)
  - NURS 216 Vision & Scoliosis Screening
- (3) Select one of the following:
  - NURS 293A\* Practicum in Specialized Nursing Processes: Family-Community Nursing

- NURS 293B\* Practicum in Specialized Nursing Processes: Adult Nursing
- NURS 293D Practicum in Specialized Nursing Processes: School Nursing (NURS 210A, 212, 213C)

\* Prerequisites are NURS 210A, 212

### D. Electives (6-9 units)\*

Chosen with permission of advisor to reflect functional role preparation. Courses from areas such as Education, Business or Biological Sciences may be selected. Students in administrative role preparation take 9 units from Business. School nurse students may use credentialing courses to meet elective requirements. (See school nurse advising brochure for specific courses.)

\* Fifteen total units required in functional areas.

### E. Culminating Requirement (3 units)

- (3) NURS 500 Culminating Experience

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## HEALTH SERVICES CREDENTIAL: SCHOOL NURSE

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Nurses holding a master's degree in nursing or a related area may be admitted to the University to enroll in courses toward the Professional School Nurse Health Services Credential. The nurse has five years from the date of issuance of the Preliminary credential to fulfill coursework and experience requirements for the Professional credential. The Preliminary credential may be renewed.

Admission criteria and procedures are similar to those for the MS program and are described in the school nurse advising brochure available upon request from the Division of Nursing. Students are held to the same professional liability insurance and health requirements as MS students.

## Credential Requirements

The following courses are required:

- (3) NURS 213C Seminar in Specialized Nursing Processes: School Nursing I
- (3) NURS 213D Seminar in Specialized Nursing Processes: School Nursing II
- (1) NURS 216 Vision & Scoliosis Screening
- (3) NURS 293D Practicum in Specialized Nursing Processes: School Nursing
- (3-6) Coursework required to become certified as a school audiometrist.\*
- (3-4) One or more courses dealing with the theories and techniques of counseling with an associated clinical practice component.\*
- (3) One course dealing with school programs for the exceptional child and covering the school's responsibility in meeting the needs of the exceptional child.\*
- (3) One course dealing with curriculum development and teaching methods preferably as applied to health instruction or health education with school age children.\*
- (0-2) Electives

\*See School Nurse Program Advising brochure for specific courses.

In addition to the above courses, the Professional Credential requires two years of full time school nurse experience (or its part time equivalent).

Nurses not eligible for Public Health Nurse certification will be required to complete community health nursing coursework prior to program completion. This coursework may be counted as elective units and is further described in the advising brochure. Mechanisms are available to allow nurses to transfer in coursework taken in other school nurse credential programs or from other post-baccalaureate or master's courses of study.

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## LOWER DIVISION COURSES

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**10. Health Care: Issues and Delivery Systems.** Explores the relationships between social, political and economic systems, and the health care and delivery systems currently operational in the United States today. Provides a format to debate current biomedical issues and explores crosscultural health practices. Lecture three hours. 3 units.

**11. Introduction to Professional Nursing.** Provides the student with a conceptual base for the practice of professional nursing as taught in the CSUS Division of Nursing curriculum. The changing and expanding roles of the professional nurse in the health care delivery system are explored, as are a variety of theories and related concepts which have application to nursing practice. Lecture three hours. **Prerequisite:** admission to Clinical Nursing program or pre-nursing status, permission of instructor. 3 units.

**12. Nursing Care of Adults.** Focuses on the utilization of the nursing process in meeting health needs of adult individuals who are experiencing mild to moderate stress as a result of acute and/or chronic health problems. The role of the nurse in the diagnosis and management of learning needs is emphasized. Lecture three hours, laboratory six hours. **Prerequisite:** admission to Clinical Nursing program, permission of instructor. **Corequisites:** NURS 15, 16. 5 units.

**14. Pharmacology.** A course in basic principles of pharmacology with a focus on the pharmacokinetics, pharmacodynamics and related therapeutic implications for major drug categories. Lecture two hours. This course may be taken by pre-nursing or non-nursing students and is a prerequisite to admission to the nursing major. **Prerequisites:** CHEM 6B, BIO 31 or 131; or permission of instructor; BIO 31 or 131 may be taken concurrently. Graded Credit/No Credit. 2 units.

**15. Introduction to Clinical Nursing Practice.** An intensive on-campus nursing skills laboratory. Laboratory six hours. **Prerequisite:** permission of instructor. **Corequisite:** NURS 12, 16. Graded Credit/No Credit. 2 units.

**16. Physical Assessment of the Adult.** An on-campus laboratory in which students acquire skills in physical assessment of the adult. Laboratory three hours. **Prerequisite:** admission to Clinical Nursing program or permission of instructor. **Corequisite:** NURS 12, 15. Graded Credit/No Credit. 1 unit.

**17. Concepts and Practices of Gerontological Nursing.** This course is designed to explore current theories and practices in gerontological nursing. The primary focus of the course is on the role of the nurse in assessing and managing the aging individual and family adaptation to the aging process. Lecture two hours. **Prerequisite:** admission to Clinical Nursing program or permission of instructor. 2 units.

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## UPPER DIVISION COURSES

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**111A. Transitional Concepts for Professional Nursing.** Provides the returning Registered Nurse student with knowledge of theories, concepts and social issues which have application to the practice setting. Designed to assist the student to make a successful transition to professional nursing practice as taught in the CSUS Division of Nursing curriculum. A weekly seminar functions as a communication laboratory. Lecture two hours, seminar one hour. **Prerequisites:** R.N. licensure, permission of instructor. 3 units.

**111B. Bridging Constructs for Returning Nurses.** Provides the returning Registered Nurse student with the opportunity to review and explore today's nursing practice in light of ever changing thought and technology. This course's holistic approach to the adaptation needs of health care consumers and their families focuses on interactions within community systems as they relate to leadership and management, medical, surgical, mental health, pediatrics, and obstetrical nursing practice. Lecture three hours. **Prerequisites:** NURS 111A, admission to the nursing major, permission of instructor; NURS 111A may be taken concurrently. 3 units.

**123. Nursing Families in Complex Illness.** Application of the concept of adaptation to individuals and families experiencing complex illness. Stress theory and the nursing process are used in formulating nursing actions to facilitate adaptation to physiologic and psychologic alteration. Includes a supervised practicum in rapid care settings. Lecture three hours, laboratory nine hours. **Prerequisites:** NURS 11/111A, 12, 15, 16, 17, 111B; or permission of instructor. 6 units.

**128. Therapeutic Interpersonal and Group Communication in Nursing.** An intensive on-campus clinical nursing laboratory in which interpersonal and group therapeutic communication skills are developed. This course is designed to prepare students to use therapeutic communication skills while functioning in individual nurse-client relationships and in leadership roles occurring in group settings involving other professionals, patients, families, and communities. Therapeutic communication skills, concepts, and theories are applied from a concurrent course in mental health nursing. The course includes a supervised practicum in the campus laboratory involving individual and group communication situations. Laboratory three hours. **Prerequisites:** 11/111A, 12, 15, 16, 17, 111B; or permission of instructor. **Corequisite:** NURS 129. Graded Credit/No Credit. 1 unit.

**129. Mental Health Nursing.** Theoretical basis for the nursing care of individuals who require nursing intervention to achieve and maintain mental health through adaptive processes. Includes a supervised practicum which incorporates therapeutic modalities. A variety of psychodynamic theories related to anxiety, interpersonal relationships, crisis intervention and group process are discussed. Lecture three hours, laboratory six hours per week. **Prerequisites:** 11/111A, 12, 15, 16, 17, 111B; or permission of instructor; **Corequisite:** NURS 128. 5 units.

**130. Pathophysiology.** Designed to promote the understanding and application of fundamental disease process in clinical settings. General concepts of disease, including etiology, pathogenesis, morphology, and clinical significance are discussed. General pathophysiology concepts include: cell injury, necrosis, inflammation, wound healing, and neoplasia. These concepts are applied in a systems-oriented approach to disease process affecting musculoskeletal, cardiopulmonary, renal, nervous, gastrointestinal, immune, hematological, and endocrine systems. The course uses a problem-based approach to learning and emphasizes critical thinking skills. Two hour lecture: 2 units. **Prerequisites:** BIO 22 or equivalent, BIO 131 or equivalent. 2 units.

**136. Nursing the Childbearing Family: Skills and Assessment.** An intensive on-campus skills laboratory in which students acquire unique psychomotor and physical assessment skills used in the nursing care of infants and obstetric clients. Laboratory three hours. **Prerequisites:** NURS 123, 128, 129; or permission of instructor; **Corequisite:** NURS 137. Graded Credit/No Credit. 1 unit.

**137. Nursing the Childbearing Family.** Application of theories from the physical, behavioral and social sciences to the family during the reproductive years and to gynecological conditions. Focus on the family's potential to adapt to the normal outcomes of pregnancy, its predictable health alterations and specific gynecological disorders. Supervised practicum in acute care, ambulatory care and community settings. Lecture three hours, laboratory six hours. **Prerequisites:** NURS 123, 128, 129; or permission of instructor. **Corequisite:** NURS 136. 5 units.

**138. Nursing the Childrearing Family.** Study of the child from birth through adolescence and his family within the community and acute care settings. Adaptations of the family and appropriate nursing interventions are studied within the context of the well, acutely ill, and chronically ill child. Includes supervised practice in acute care, ambulatory care and community pediatric settings. Lecture three hours, laboratory six hours. **Prerequisites:** NURS 123, 128, 129; or permission of instructor; **Corequisite:** NURS 139. 5 units.

**139. Nursing the Childrearing Family Skills and Assessment.** An intensive on-campus skills laboratory in which students acquire unique psychomotor and physical assessment skills used in the nursing care of children. Laboratory three hours. **Prerequisites:** NURS 123, 128, 129; or permission of instructor; **Corequisite:** NURS 138. Graded Credit/No Credit. 1 unit.

**143. Leadership and Management in Nursing Practice.** A course designed to enhance leadership skills by using the management process in the management of multiple patients. The course facilitates the transition of the student to the role of a professional graduate nurse. The theories of leadership, organization and change as they relate to the principles and processes of administration, management and supervision will also be applied in a senior practicum (NURS 156). Lecture three hours, laboratory nine hours. **Prerequisites:** NURS 136, 137, 138, 139; or permission of instructor. 6 units.

**144. Community Health Nursing.** The contemporary role of the community health nurse is presented within a public health framework, emphasizing the concept of community as client. Didactic content and nursing interventions are related to groups and aggregates who are identified as being at high risk for the development of health problems, as well as assessment of and interventions with communities at risk. Clinical experience is provided within an official local governmental agency illustrative of the public health system. Lecture three hours, laboratory six hours. **Prerequisites:** NURS 136, 137, 138, 139; or permission of instructor. 5 units.

**150. Research in Nursing.** Provides a basic introduction to nursing research. Emphasis is placed on critiquing research and applying research findings to nursing practice. Research critiques are conducted and a partial research proposal is developed which includes problem identification and formulation, and development of a literature review. Seminar two hours. **Prerequisites:** NURS 136, 137, 138, 139, permission of instructor. May be taken concurrently with either NURS 143/144, or NURS 155/156. 2 units.

**155. Senior Forum.** Lecture discussion will focus on the application of leadership, management, community health, and change theory concepts, as well as analysis of the management process in the area of concentration. Lecture-discussion one hour. **Prerequisites:** NURS 143, 144; or permission of instructor. **Corequisite:** NURS 156. Graded Credit/No Credit. 1 unit.

**156. Selected Senior Practicum in Nursing.** Supervised clinical practice in an area of a student's choice. Students will apply principles of leadership, management and community health in the clinical setting. A community project related to the clinical area chosen will be developed, implemented and evaluated. Laboratory twelve hours. **Prerequisites:** NURS 143, 144, 155; or permission of instructor. **Corequisite:** NURS 155. Graded Credit/No Credit. 3 units.

**160. Human Sexuality.** This course is designed to explore the physiological, sociological, and psychological components of human sexuality in a sufficiently detailed manner so that the myth and confusion enveloping this needlessly hypersensitive subject can be dispelled. Hopefully, students will be able to integrate these components in a meaningful pattern into their own lives and will be not only better able to understand and accept their own sexual needs and behavior but also, at the same time, will be more accepting and understanding of their fellow man whose sexual attitudes and behavior might differ from their own. Lecture three hours. 3 units.

**163. Holistic Approach to Aging.** A holistic approach to aging including biological, psychological, sociological, cultural and spiritual perspectives. Primary focus is on changing needs in health services and adaptation of the elderly to societal changes. Course is an overview of aging in the United States today and particularly California. It is oriented toward students who wish to understand the process of aging and who are pursuing a career in health related fields. Fulfills a requirement for an interdisciplinary Certificate in Gerontology. Lecture three hours. **Prerequisite:** Passing score on the WPE. 3 units.

**167. Women's Health.** Designed for people seeking knowledge about women's health, women's health risks, and the delivery of traditional and non-traditional medical interventions for the maintenance of health and management of illness. Covers the physiological and psychological components of women's health. The leading acute and chronic illnesses which affect women are introduced. Discussions include: means of sustaining a wellness lifestyle; identification, management and consultation for acute and chronic illness; normal physiological life changes and adaptations to aging; mind/body connection in the control of health and illness; pharmacology and drug therapy for women; health management for infants and children; access and control of care for women in traditional and non-traditional health settings; and research in women's health. Lecture-discussion three hours. 3 units.

**168. The Brain and Gender-Related Differences.** In this survey course, gender-related differences which are mediated by the brain are examined from the theoretical framework of evolution. The place of molecular genetics, hormone physiology, neural function, biomedical research, human development, personality theory and research, and crosscultural research are studied in an attempt to understand the processes that affect sex differences. Gender-related differences in normal and abnormal behavior resulting from chronic and acute disease, and pathological states, will be introduced. The student should acquire the fundamentals of a scientific understanding of gender-related differences between humans, and an appreciation of the unique role the brain plays in the mediation of these differences. 3 units.



**169. Reasoning Development In Health Care Sciences.** A course designed to assist students in developing critical thinking skills involved in making clinical judgements. Students will become involved in thinking logically and critically using guided design and metacognitive approaches as they analyze reasoning processes used during actual clinical situations. The course will develop an understanding of reasoning which includes convergent and divergent thinking, logical operation, probability, hypothesis testing, and decision-making processes. Students will document their reasoning skills development throughout the course in reflective analytical logs after each class and in periodic retrospective analytical summaries. Class meets two hours per week. Credit/No Credit. 3 units.

**194. Cooperative Education in Nursing.** An employment experience in local health care setting in which students will be supervised by a preceptor in the setting, and a faculty member. Students will perform only those clinical skills in which previous training and competency has been demonstrated. Experiences will be arranged through the Cooperative Education Program office and the Division of Nursing. Requirements include: preparation of an application packet, attendance at mentoring workshops, completion of a written report, completion of work assignment (hours to be arranged), participation in scheduled clinical conferences and maintenance of a clinical log. **Prerequisites:** Completion of lower division coursework and completion or concurrent enrollment in the second semester of the nursing major courses, a GPA of 2.5 or above, health clearance, current CPR certification, malpractice insurance, and permission of the instructor. Course may be repeated up to three times for credit. Graded Credit/No Credit. 1-12 units.

**195. Field Study.** Guided study and experience in a specified nursing area. **Prerequisite:** permission of instructor. 1-6 units.

**196. Experimental Offerings in Nursing.** Exploration and discussion of current problems and issues in nursing with emphasis on the individual nurse's growth and contribution to a changing society. **Prerequisite:** permission of instructor. 2 units.

**199. Special Problems.** Individual projects and directed reading for students who are competent to assume independent work. Admission to this course requires approval of faculty member under whom the independent work is to be conducted. 2 units.

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## GRADUATE COURSES

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**210A. Research Methods and Techniques in Nursing I.** In-depth discussion of quantitative versus qualitative research designs. Explores researchable problem identification, development of a theoretical basis for a research study, and critiquing completed research. Lecture three hours. **Prerequisite:** STAT 1 or equivalent. Fall only. 3 units.

**210B. Research Methods and Techniques in Nursing II.** Emphasis on methodology and data analysis issues for quantitative or qualitative research. Development of a research proposal appropriate for the culminating degree requirements. Lecture three hours. **Prerequisite:** NURS 210A. Spring only. 3 units.

**211. Issues and Ethics in Nursing and Health Care.** Examination of current nursing and health care issues and their implications for ethical nursing practice. Lecture three hours. Spring only. 3 units.

**212. Concept and Theory Development in Nursing.** Analysis of current theoretical models in nursing, process of theory construction and evaluation of conceptual models and theories. Lecture three hours. Fall only. 3 units.

**213A. Seminar in Specialized Nursing Processes: Family-Community Nursing.** Advanced concepts relating to the multiplicity of total family interactions and their life experiences with emphasis on analytic planning, community organization, community development and health education will be included. Lecture three hours. **Prerequisite:** NURS 210A, 212. **Corequisite:** NURS 293A. 3 units.

**213B. Seminar in Specialized Nursing Processes: Adult Nursing.** Application of theories and research in development of advanced nursing strategies with the acute and chronically ill client. Lecture three hours. **Prerequisite:** NURS 210A, 212. **Corequisite:** NURS 293B. 3 units.

**213C. Seminar in Specialized Nursing Processes: School Nursing I.** Provision and application of concepts needed for nursing practice in the schools. Focuses upon an advanced clinical knowledge base for use with school age children and adolescents. Emphasis is on the role of the nurse in coordination and collaboration, special education, and with the adolescent. **Prerequisite:** NURS 210A, 212. 3 units.

**213D. Seminar in Specialized Nursing Processes: School Nursing II.** Provision and application of concepts needed for nursing practice in the schools. Focuses on advanced theory and practice of school nursing with emphasis on role delineation and development, management, family/community assessment, and the influence of culture on health. **Prerequisite:** NURS 213C. **Corequisite:** NURS 293D. 3 units.

**214A. Nursing Systems Administration.** Emphasis on a systems approach to applying major concepts in organizational theory and management to nursing administrative practice. Varied aspects of administration, including structure, dynamics, decision-making, leadership styles and the problems of innovative change will be explored. Lecture three hours. **Prerequisite:** NURS 210A, 212. **Corequisite:** NURS 294A. 3 units.

**214B. Educational Program Development in Nursing I.** Introduction to curriculum development and instructional design concepts in preparation for the role of educator in an academic institution or health care setting. Emphasis will be on instructional design, instructional strategies, and measurement of learner outcomes. The first course in a two course sequence. Lecture three hours. **Prerequisites:** NURS 210A, 212. 3 units.

**214C. Educational Program Development in Nursing II.** Introduction to curriculum development and instructional design concepts in preparation for the role of educator in an academic institution or health care setting. Continues emphasis on instructional design, related to curriculum development and implementation, and to program evaluation. Lecture three hours. **Prerequisite:** NURS 214B. **Corequisite:** NURS 294C. 3 units.

**216. Vision and Scoliosis Screening.** The theory and practice of detecting idiopathic scoliosis, and visual disorders resulting from inadequate refraction, ocular mal-alignment, and color deficiency in the school setting. The pathophysiology of said conditions will be presented, the nursing role delineated, and opportunities for paired screening practice provided. 1 unit.

**230. Advanced Concepts in Pathophysiology.** A seminar designed to promote the understanding and application of fundamental disease processes and physiological principles in cross-clinical settings for the purpose of improving nursing assessments and patient care management. Lecture three hours. 3 units.

**232. Nursing Assessment of the Infant, Child, and Adolescent.** A seminar designed to present techniques related to the physical assessment, in the school or home setting, of the child, age birth through 18 years. Emphasis is on the common morbidities and mortalities of these age groups including interrelationship of the physical, emotional and socioeconomic causes of health problems and illnesses. Availability of an otoscope and stethoscope required. Lecture three hours. 3 units.

**293A. Practicum in Specialized Nursing Processes: Family-Community Nursing.** Supervised field experience to allow in-depth exploration of clinical nursing specialties within the area of family-community nursing. **Prerequisite:** NURS 210A, 212. **Corequisite:** NURS 213A. Graded Credit/No Credit. 3 units.

**293B. Practicum in Specialized Nursing Processes: Adult Nursing.** Supervised field experience to allow in-depth exploration of clinical nursing specialties within the area of adult nursing. **Prerequisite:** NURS 210A, 212. **Corequisite:** NURS 213B. Graded Credit/No Credit. 3 units.

**293D. Practicum in Specialized Nursing Processes: School Nursing.** Supervised clinical practice in one or more California public school districts offering nursing services to infants, children and adolescents. **Prerequisite:** NURS 213C. **Corequisite:** NURS 213D. Graded Credit/No Credit. 3 units.

**294A. Practicum in Nursing Systems Administration.** Opportunity for analysis and synthesis of the concepts of management and leadership in the health care system while practicing the role of a nursing administrator. Evaluation of organizational and administrative practices as they relate to administration and nursing theories will be emphasized. **Prerequisite:** NURS 210A, 212. **Corequisite:** NURS 214A. Graded Credit/No Credit. 3 units.

**294C. Practicum in Educational Program Development in Nursing.** Opportunity for analysis and synthesis of concepts of management and leadership in an educational setting while practicing the role of a nursing educator. **Prerequisite:** NURS 214B. **Corequisite:** NURS 214C. Graded Credit/No Credit. 3 units.

**295. Field Study.** Experiences in an off-campus facility are provided for the continued development of clinical or functional role skills. Each student spends 45 hours per unit. Field study is not designed to be used in lieu of regularly scheduled practicums. Enrollment in NURS 295 requires permission of a faculty member who will serve as sponsor and coordinator of the experience. 1-6 units.

**296. Experimental Offerings in Nursing.** When a sufficient number of qualified students express an interest, selected faculty will offer the opportunity for guided study and mutual inquiry into topics which reflect the leading edge of Nursing knowledge and knowledge from related disciplines. 2 units.

**299. Special Problems.** Individual research, study, and directed reading in an area not directly covered in the Division's core courses, role preparations or electives. Students pursue a particular course of study on a one-to-one basis with a faculty member. Educational objectives must be specified in advance. 1-3 units.

**500. Culminating Experience.** Completion of a thesis or project. A thesis requires and original contribution to knowledge in a traditional research format. A project is a significant undertaking of a pursuit appropriate to professional fields. It must evidence originality and independent thinking, appropriate form and organization and a rational. Credit to be given upon successful completion. Open only to students who have advanced to candidacy for the Master's Degree and who secure the permission of the Division. **Prerequisites:** Completion of core, clinical and functional courses. Graded Credit/No Credit. 3 units.