



**bachelor of science ■ master of science ■ school nurse services credential ■ special teaching authorization in health**

## 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 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 curricula of the Division are organized around the concept of reciprocal adaptation and the theories that 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

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## Contact Information

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## Special Features

- The baccalaureate program consists of a four-year curriculum of lower and upper division course work. Its content prepares 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 acute care hospitals, skilled nursing and extended care facilities, outpatient clinics, schools, and 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 fifth semester of clinical nursing course work, students are eligible for membership in Zeta Eta, the local chapter of Sigma Theta Tau, International Honor Society for Nursing.

## Career Possibilities

Registered Nurse (BS): 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 ■ Advanced Practice (MS) roles: Clinical Nurse Specialist ■ Educator ■ Nurse Practitioner ■ Case Manager ■ School Nurse

- The CSUS program in professional nursing is approved by the California State Board of Registered Nursing and is fully accredited by the Commission on Collegiate Nursing Education.
- 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 (after the 5th clinical semester), the student may apply for the licensing examination administered by the California Board of Registered Nursing. Additional course work 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.

## Undergraduate Programs

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.

Up to 55 generic students and five 30-unit option Licensed Vocational Nurses are admitted to the clinical portion of the baccalaureate Nursing program each semester. All qualified Registered Nurses are admitted to the RN-BSN tract each semester. A competitive selection process has been established since applications exceed program space in the generic program. Generic applicants compete with other generic applicants and 30-unit option LVN's compete with other 30-unit option applicants. Program admittees are selected from among students who meet the prerequisite requirements and follow the supplemental 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.

### *Clinical Nursing Prerequisites*

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

- Completion of a minimum of 30 semester units.
- A GPA of 2.75 based on the most recent 30 graded semester units and on any prerequisites taken prior to the last 30 graded semester units. If an applicant has completed less than 30 units, but has completed

enough prerequisites to apply, all units completed at the time of application will be used. Up to 50 admission points will be assigned based on the applicant's GPA.

- Completion of the TEAS (Test of Essential Academic Skills). 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 September for the following spring semester. The test may be taken any number of times. The highest score of any administration will be used.
- Completion of the specific courses listed under Pre-Clinical Courses with a minimum grade of "C" or better in each course. An average GPA of 2.5 is required on the prerequisite courses completed at the time of application. Pre-Clinical courses are acceptable regardless of date completed, but current knowledge is essential. No more than two science and two non-science prerequisite courses, four total, 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. Prerequisite courses may not be repeated more than once; the number of repeats has been correlated with poor program performance.
- Additional, though optional, criteria which a student may choose to use are the submission of evidence to substantiate: 1) bilingual skills, 2) multicultural health-related work experience, and 3) 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:

**Bilingual Skills** (six points) in Spanish, Chinese, South East Asian Languages, Indian Languages, Hindi, Punjabi, Tagalog, Russian, Farsi, Arabic, or American Sign Language, will be determined by:

- completion of three years high school course work;
- completion of two years college course work; or
- completion of an oral proficiency examination.

**Multicultural Health-Related Work Experience** (three points). The multicultural health-related work experience is to be documented and must consist of a minimum of 64 hours of paid or volunteer work in a health-related setting comprised of two or more cultural groups. The minimum 64-hour requirement is to be met prior to application to the clinical major.

**Background** (six points). A maximum of six points is available, two points for each background subcategory of Economic, Educational and Environmental. Examples include:

**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 socioeconomic 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, 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**

- An online application for admission 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 current college for a transcript to be sent as soon as grades from the 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 deadline date)

#### **February**

- Last TEAS 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 (2nd week)
- Letter of Intent to Enroll required (4th 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 summer school asking for a transcript to be sent as soon as the 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 deadline date)
- Last TEAS 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 (2nd week)
  - Letter of Intent to Enroll required (4th 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***

- The college GPA, the results of the TEAS (Test of Essential Academic Skills), and the optional criteria, if selected by the student, will be used to determine program admission.
- The GPA and TEAS will be weighted equally in the selection process.
- Admittees will be selected from a rank ordering of total points assigned to different GPA and TEAS result levels as well as points assigned to the optional criteria.

## ***Additional Information***

### **Health Requirements**

Students admitted to the Clinical Nursing program are required to have specified inoculations by the Student Health Service or a private physician prior to beginning nursing course work. Health insurance is required. Complete information on health requirements for nursing students may be secured from the Division of Nursing.

### **Technology Competence**

To be successful in the curriculum, students must be able to demonstrate competency in computer technology, such as word processing, use of the internet, e-mail, and database searches. Clinical nursing students are required to own a personal computer.

### **Admissions Advising**

Group advising meetings are scheduled throughout the academic year. Times of these meetings are available in the Division of Nursing office, (916) 278-6525 and online. Publications about the program are also available by mail or [www.hhs.csus.edu/nrs](http://www.hhs.csus.edu/nrs).

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

All students enrolled in clinical laboratory courses in the nursing major must provide their own professional liability insurance, proof of automobile insurance, and transportation to extended campus facilities. Professional liability insurance is mandatory prior to beginning clinical experiences. Liability insurance may be purchased at a

discounted 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. 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 011, NURS 111A, NURS 111B, NURS 144, NURS 150, NURS 155 and NURS 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 maximum 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. Students wishing to challenge should contact the Division.

### Background Checks

Some clinical agencies and the Board of Registered Nursing require investigation of any prior convictions and disciplinary actions. Failure to disclose a conviction may interfere with clinical placement and subsequent licensure as a Registered Nurse. Individuals with reported convictions should refer to the "Frequently Asked Questions Regarding Prior Convictions and Disciplinary Actions" in the Licensure/Certification section of the Board of Registered Nursing web site at [www.rn.ca.gov](http://www.rn.ca.gov).

## Requirements ■ Bachelor of Science Degree

Units required for Major: 93-96

Minimum total units required for the BS: 132

**Note:** Additional units may be required to meet the CSUS foreign language requirement.

### See course descriptions for prerequisites.

#### A. Required Pre-Clinical Courses (29 units)

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

- (3) An oral communication course such as:  
COMS 004 Introduction to Public Speaking
- (3) An introductory college composition course such as:  
ENGL 001A College Composition (EPT score of 151 or above, or completion of ENGL 001)
- (3) A critical thinking course such as:  
COMS 002 Argumentation **OR**  
ENGL 001C Critical Thinking and Writing
- (3) A quantitative reasoning course such as:  
STAT 001 Introduction to Statistics

- (5) An organic chemistry course with a lab such as:  
CHEM 006B Introduction to Organic and Biological Chemistry (CHEM 001A or CHEM 006A or a high school chemistry course and passing a qualifying exam given in the first laboratory period)
- (4) An anatomy course with a lab such as:  
BIO 022 Introductory Human Anatomy **OR**  
BIO 025 Human Anatomy and Physiology I
- (4) A physiology course with a lab such as:  
BIO 131 Systemic Physiology **OR**  
BIO 026 Human Anatomy and Physiology II
- (4) A microbiology course with a lab such as:  
BIO 139 General Microbiology

#### B. Required Clinical Nursing Courses (70-73 units)

##### 1. First Semester Corequisites and Nursing Courses\* (13 units) (RN-BSN Students: 10 units#)

- (3) An introductory psychology course such as:  
PSYC 001# Introductory Psychology: Basic Processes **OR**  
PSYC 005 Introductory Psychology: Individual and Social Processes
- (3) A "life span" human development course such as:  
CHDV 030# "Life Span" Human Development
- (3) NURS 011 Introduction to Professional Nursing
- (2) NURS 014# Pharmacology
- (2) NURS 017# Concepts and Practices of Gerontological Nursing

##### 2. Required Second Semester Lower Division Clinical Nursing Courses\*\* (11 units) (RN-BSN Students: 11 units#)

- (5) NURS 012# Nursing Care of Adults
- (2) NURS 015# Introduction to Clinical Nursing Practice
- (1) NURS 016# Physical Assessment of the Adult
- (3) A nutrition course such as:  
FACS 113 Nutrition and Metabolism **OR**  
FACS 010# Nutrition and Wellness

##### 3. Required Upper Division Courses for Generic Students (46 units) (for RN-BSN Students: 52 units)

###### a. RN-BSN Students Only

- (3) NURS 111A\* Transitional Concepts for Professional Nursing
- (3) NURS 111B\* Bridging Constructs for Returning Nurses

###### b. Third Semester Clinical Courses (12 units)

- (6) NURS 123 Nursing Families in Complex Illness
- (1) NURS 128 Therapeutic Interpersonal and Group Communication in Nursing

- (5) NURS 129 Mental Health Nursing

###### c. Fourth Semester Clinical Courses (12 units)

- (1) NURS 136 Nursing the Childbearing Family: Skills and Assessment
- (5) NURS 137 Nursing the Childbearing Family
- (5) NURS 138 Nursing the Childrearing Family
- (1) NURS 139 Nursing the Childrearing Family: Assessment and Skill Acquisition

###### d. Fifth Semester Clinical Courses (13 units)

- (6) NURS 143 Leadership and Management in Nursing Practice
- (5) NURS 144 Community Health Nursing
- (2) NURS 191 Service-Learning in Nursing

**e. Sixth Semester Clinical Courses (9 units)**

- (2) NURS 150 Research in Nursing  
 (1) NURS155 Senior Forum  
 (3) NURS 156 Selected Senior Practicum in Nursing  
 (3) NURS 169± Reasoning Development in Health Care Science

\*These courses are taken as a group in the first semester after admission to the program. The corequisites may be taken prior to admission, but will not be included in the admission points calculation unless they are part of the last 30 graded semester units.

\*\*These courses are taken as a group in the second semester of the nursing program.

#Generally met through completion of basic RN program.

±May be used for upper division GE by nursing majors.

**Note:** Satisfactory completion of the program requires a grade of “C” or better in every corequisite and 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 corequisite or 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 002 | Introduction to Cultural Anthropology                        |
| ANTH 144 | Contemporary American Culture in Anthropological Perspective |
| ANTH 186 | Culture and Poverty  |
| ANTH 188 | Anthropology of the Body                                     |
| HRS 161  | Multicultural America  |
| SOC 001  | Principles of Sociology                                      |

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

- |            |  |
|------------|--|
| NURS 010   | Health Care: Issues and Delivery Systems |
| NURS 160** | Human Sexuality                          |
| NURS 167** | Women’s Health                           |
| NURS 168** | The Brain and Gender-Related Differences |
- A statistics course, particularly for students planning graduate study.

\* Equivalent lower division courses are acceptable. May use for GE.

\*\*Nursing majors may not use for upper division GE.

**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 (e.g., Gerontology). Information on minors can be obtained by contacting the department of interest.

## Requirements ■ RN License Option – for Licensed Vocational Nurses

California law allows Licensed Vocational Nurses to take the Registered Nurse licensure exam after completing 30 units of academic course work 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.

## Graduate Programs

The Master of Science in Nursing is designed to prepare registered nurses with baccalaureate degrees for advanced practice roles as nursing educators, family nurse practitioners, clinical nurse specialists, and credentialed school nurses. 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 designed 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 6 units of the core courses and proceed into either functional role courses (Educator, School-Based Mental Health Services, Nurse Practitioner or Clinical Nurse Specialist) or clinical role courses (Adult, Family-Community-Mental Health, School Nursing, Gerontology or Primary Care). Within family-community-mental health clinical role courses, students may emphasize Maternal-Child, Community Health or Mental Health Nursing. Within adult clinical role courses, the emphasis is on the acute care medical-surgical, critical care or home care/long term care setting. Students interested in gerontology may focus on either community-based or acute care of the elderly (see Gerontology Program).

Students desiring the School Nurse Services 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, functional, and elective units for the MS degree.

To meet the requirements of the California Board of Registered Nursing for titling as a clinical nurse specialist, students must complete a specified program of advanced practice core classes, as well as 400 practicum hours (see CNS Program Requirements below).

### 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) or Commission on Collegiate Nursing Education (CCNE) accredited institution or its equivalent, OR a Baccalaureate degree in a discipline related to nursing. Students with a BA or BS degree in non-nursing areas must meet baccalaureate competencies in research, leadership and management, and community health before progressing in the graduate program. Competency may be verified through course work, testing or experience;

- be eligible for Public Health Certification in California;
- have a GPA of 3.0 in the last 60 units of undergraduate nursing course work;
- have an overall GPA of 3.0 (If one or both of the above GPA requirements are unmet, the student may apply for conditional classification and demonstrate academic ability by enrolling in, and successfully passing with a “B” or better, NURS 211 and NURS 212);
- complete the Graduate Record Examination before the application deadline;
- possess a current RN license in California;
- have a minimum of one year of full-time nursing experience post initial licensure;
- 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.

Statistics is required for graduation from the program. An introductory course (e.g. STAT 001 or SWRK 110) within the past seven years may be taken before admission or after admission but before NURS 210B.

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 and Automobile 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. Proof of automobile insurance may be required for clinical experience. The student admitted to the Master’s program is required to have specified inoculations by the Student Health Service or a private physician prior to beginning nursing course work. Health insurance is required. Complete information on health requirements may be secured from the Division of Nursing.

### ***Technology Competence***

To be successful in the curriculum, students must be able to demonstrate competency in computer technology, such as word processing, use of the internet, e-mail, and database searches. Clinical nursing students are required to own a personal computer.

### ***Admission Procedures***

Prospective graduate students, including CSUS graduates, must file the following materials as a complete admission packet with the Graduate Coordinator in the Division of Nursing:

- an online application for admission;
- two sets of official transcripts from all colleges and universities attended, other than CSUS;
- three letters of recommendation to include a current/former employer in Nursing and, if possible, a professor;
- a statement of purpose that outlines the applicant’s goals and objectives for the pursuit of graduate study; and
- proof of RN licensure.

The deadline for completing all application requirements is December 1 for summer (June) admission. The graduate program admits students once a year.

Notice of the decision regarding admission will be mailed to the applicant after files are complete and reviewed. Students will be assigned a faculty advisor at 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;
- completed at least 12 units in the graduate program, with a minimum 3.0 GPA; and
- passed the Writing Proficiency Examination (WPE) or secured approval for a WPE waiver.

Advancement to Candidacy forms are available in the Division of Nursing office or the Office of Graduate Studies, River Front Center 206, (916) 278-6470. 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 Office of Graduate Studies for approval. Students may not register for the Culminating Requirement until they have advanced to candidacy.

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## **Requirements ■ Master of Science Degree**

Units required for the MS: 39

The program is normally completed in six semesters of part-time study. 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.**

### **A. Core Courses (15 units)**

- (2) NURS 210A Research Methods and Techniques in Nursing I
- (2) NURS 210B Research Methods and Techniques in Nursing II

- (3) NURS 211 Ethics and Issues
- (3) NURS 212 Concepts and Theory Development in Nursing
- (2) NURS 215 Community and Health
- (3) SWRK 268 Health Policy and Services or a comparable transferable course

**B. Functional Role Preparation (students complete at least one area)**

**(9) Educational Program Development:**

- NURS 214B Educational Program Development in Nursing I
- NURS 214C Educational Program Development in Nursing II
- NURS 294C Practicum in Educational Program Development in Nursing

**(9) School-Based Mental Health Services:**

- NURS 213E Child-Adolescent Mental Health Nursing  
A course in the area of counseling or mental health
- NURS 292 Practicum in Specialized Nursing Process: Clinical Consultant in the Advanced Practice Role

**(6) Individualized Functional Role as approved (see Graduate Coordinator)**

**(15-18) Clinical Nurse Specialist:**

- (3) NURS 230 Advanced Concepts in Pathophysiology
- (3) NURS 231 Pharmacology for Advanced Practice
- (3) NURS 232A Advanced Physical Assessment: Infant, Child, Adolescent **OR**
- NURS 232B Advanced Physical Assessment: Adult
- (3-6) NURS 292 Practicum in Specialized Nursing Process: Clinical Consultant in the Advanced Practice Role
- (3) NURS 213E\* Child-Adolescent Mental Health Nursing **AND/OR**
- NURS 213F Adult Mental Health Nursing
- (3) NURS 214B Educational Program Development in Nursing I

**Note:** CNS students may also take NURS 214C and NURS 294C but not required for CNS titling. A total of 400 practicum hours required for CNS titling by California Board of Registered Nursing.

\*Required for national certification as mental-health CNS.

**Family Nurse Practitioner**

(Contact Graduate Coordinator for Program of Study)

**C. Clinical Role Preparation**

Students complete at least one area to meet program requirements.

**(6) Family-Community-Mental Health Nursing**

- NURS 213A Seminar in Specialized Nursing Processes: Family-Community-Mental Health Nursing
- NURS 293A Practicum in Specialized Nursing Processes: Family-Community-Mental Health Nursing

**(6) Adult Nursing**

- NURS 213B Seminar in Specialized Nursing Processes: Adult Nursing
- NURS 293B Practicum in Specialized Nursing Processes: Adult Nursing

**(9) School Nursing**

- NURS 213C Seminar in Specialized Nursing Processes: School Nursing I
- NURS 213D Seminar in Specialized Nursing Processes: School Nursing II

- NURS 293D Practicum in Specialized Nursing Processes: School Nursing

**D. Electives (6-9 units)\* (Non-CNS MS students)**

Chosen with permission of advisor to reflect functional role preparation. Courses from areas such as education, communication studies, business or biological sciences may be selected. School nurse students may use physical assessment, vision and scoliosis, audiometry, and special education courses to meet elective requirements (see school nurse advising brochure for specific courses).

\*15 total units required in functional areas

**E. Culminating Requirement (3 units)**

- (3) NURS 500 Culminating Experience (Completion of core, clinical and functional role courses)

**Requirements ■ Master of Science Degree – Family Nurse Practitioner 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 15 semester units of core courses at CSUS, and the 3-unit culminating thesis/project requirement. 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 18 units at CSUS and selected UCD courses. See admission requirements for the MS in Nursing for additional information.

**Requirements ■ Credential – Post-Master’s School Nurse Services**

Units Required for Post-Master’s Credential: 24

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 Services Credential (formerly Health Services Credential). The nurse has five years from the date of issuance of the Preliminary credential to fulfill course work 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 except the GRE is not required and the application and recommendation forms are directed to the School Nurse Program Coordinator. Students are held to the same professional liability and automobile insurance and health requirements as MS students.

Post-Master’s nurses not eligible for Public Health Nurse certification will be required to complete community nursing course work prior to program completion. Mechanisms are available to allow nurses to transfer in course work taken in other school nurse credential programs or from other post-baccalaureate or master’s courses of study.

- (3) NURS 211 Ethics and Issues
- (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 and Scoliosis Screening
- (3) NURS 232A Advanced Physical Assessment: Infant, Child, Adolescent\*
- (3) NURS 293D Practicum in Specialized Nursing Processes: School Nursing
- (0-6) course work required to become certified as a California school audiometrist.\*
- (3) One course dealing with special education law and school programs for the exceptional child.\*
- (3) One course dealing with educational pedagogy and teaching strategies preferably as applied to health education with school age children.\*
- (0-3) Electives

\*If previously completed, a course in counseling.

In addition to the above courses, the Professional Credential for both MS and Post-Master's candidates requires two years of full-time school nurse experience (or its part-time equivalent). Four hours or more per day may be considered full-time employment.

## Requirements ■ Special Teaching Authorization in Health (STAH)

The STAH option is available to school nurses who wish to position themselves to become faculty of record for health classes within public school districts. The STAH is not required for the credential and is available to Master's and post-Master's credential students as well as nurses in the community who are already credentialed. The STAH authorizes nurses to provide health education instruction beyond that of periodic guest presentations (e.g., Family Life Education) and allows school administrators to utilize nurses in the capacity of health educators through the provision of direct and regular health instruction. Requirements for the STAH at CSUS are: completion of nine units of educational pedagogy including a supervised student (practice) teaching experience and passing of the CBEST (California Basic Educational Skills Test). At CSUS, these courses constitute the Educational functional area within the MS program. Application for the STAH requires an exit interview (see School Nurse Advising Brochure for further information).

## Lower Division Courses

**NURS 010. 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.

**NURS 011. Introduction to Professional Nursing.** Provides 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, instructor permission. 3 units.

**NURS 012. 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. **Corequisite:** NURS 015, NURS 016. 5 units.

**NURS 014. Pharmacology.** Basic principles of pharmacology with a focus on pharmacokinetics, pharmacodynamics and related therapeutic implications for major drug categories. May be taken by pre-nursing or non-nursing students. Lecture two hours.  
**Prerequisite:** BIO 131, or equivalent. 2 units.

**NURS 015. Introduction to Clinical Nursing Practice.** Intensive on-campus nursing skills laboratory. Laboratory six hours. **Prerequisite:** Admission to Clinical Nursing program. **Corequisite:** NURS 012, NURS 016. Graded Credit/No Credit. 2 units.

**NURS 016. Physical Assessment of the Adult.** On-campus laboratory in which students acquire skills in physical assessment of the adult. Laboratory three hours. **Prerequisite:** Admission to Clinical Nursing program or instructor permission. **Corequisite:** NURS 012, NURS 015. Graded Credit/No Credit. 1 unit.

**NURS 017. Concepts and Practices of Gerontological Nursing.** 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 instructor permission. 2 units.

## Upper Division Courses

**NURS 111A. Transitional Concepts for Professional Nursing.** Provides the returning Registered Nurse and Licensed Vocational 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. **Prerequisite:** R.N. licensure, LVN Licensure, instructor permission. Fall only. 3 units.

**NURS 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.  
**Prerequisite:** Admission to the nursing major, or instructor permission. **Corequisite:** NURS 111A. Fall only. 3 units.

**NURS 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. **Prerequisite:** NURS 011/NURS 111A, NURS 012, NURS 015, NURS 016, NURS 017, NURS 111B; or instructor permission. 6 units.



**NURS 124. Clinical Monitoring: Electrocardiogram, Hemodynamic Monitoring and Arterial Blood Gas**

**Interpretation.** Examines the use of clinical monitoring techniques related to the cardiac and circulatory systems. Focuses on assessment, interpretation, analysis, and application of data to acutely ill clients in a variety of settings. Topics include normal ECG tracing and interpretation, dysrhythmias, arterial monitoring, and the measurement, interpretation, and significance of arterial blood gases. Two hours per week. **Prerequisite:** BIO 025 & BIO 026, BIO 139 or equivalent. Graded Credit/No Credit. 2 units.

**NURS 128. Therapeutic Interpersonal and Group Communication in Nursing.**

Intensive on-campus clinical nursing laboratory in which interpersonal and group therapeutic communication skills are developed. 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. Includes a supervised practicum in the campus laboratory involving individual and group communication situations. Laboratory three hours. **Prerequisite:** NURS 011/ NURS 111A, NURS 012, NURS 015, NURS 016, NURS 017, NURS 111B; or instructor permission. **Corequisite:** NURS 129. Graded Credit/No Credit. 1 unit.

**NURS 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. **Prerequisite:** NURS 011/NURS 111A, NURS 012, NURS 015, NURS 016, NURS 017, NURS 111B; or instructor permission. **Corequisite:** NURS 128. 5 units.

**NURS 130. Pathophysiology.** Designed to promote the understanding and application of fundamental disease processes 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 processes affecting musculoskeletal, cardiopulmonary, renal, nervous, gastrointestinal, immune, hematological, and endocrine systems. Uses a problem-based approach to learning and emphasizes critical thinking skills. Two hour lecture. **Prerequisite:** BIO 022 or equivalent, BIO 131 or equivalent. 2 units.

**NURS 136. Nursing the Childbearing Family: Skills and Assessment.**

Development of unique physical assessment and psychomotor skills used in the nursing care of infants and obstetric clients in a community-based setting or on-campus laboratory. Three hours weekly. **Prerequisite:** NURS 123, NURS 128, NURS 129, or instructor permission. **Corequisite:** NURS 137. Graded Credit/No Credit. 1 unit.

**NURS 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. Focuses 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. **Prerequisite:** NURS 123, NURS 128, NURS 129, or instructor permission. **Corequisite:** NURS 136. 5 units.

**NURS 138. Nursing the Childrearing Family.** Study of the child from birth through adolescence and the family in 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. **Prerequisite:** NURS 123, NURS 128, NURS 129, or instructor permission. **Corequisite:** NURS 139. 5 units.

**NURS 139. Nursing the Childrearing Family: Assessment and Skill Acquisition.**

Acquisition of knowledge and practice using tools and techniques for assessing the child and the family in a community-based setting or on-campus laboratory. Three hours weekly. **Prerequisite:** NURS 123, NURS 128, NURS 129, or instructor permission. **Corequisite:** NURS 138. Graded Credit/No Credit. 1 unit.

**NURS 143. Leadership and Management in Nursing Practice.**

Designed to enhance leadership skills by using the management process in the management of multiple patients. 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. **Prerequisite:** NURS 136, NURS 137, NURS 138, NURS 139, or instructor permission. 6 units.

**NURS 144. Community Health Nursing.** 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. **Prerequisite:** NURS 136, NURS 137, NURS 138, NURS 139, or instructor permission. 5 units.

**NURS 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 and a practice-based research assignment are completed. Seminar two hours or online. **Prerequisite:** NURS 136, NURS 137, NURS 138, NURS 139, or instructor permission. May be taken concurrently with either NURS 143, NURS 144, or NURS 155, NURS 156. 2 units.

**NURS 155. Senior Forum.** Web-based 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. Online discussion one hour. **Prerequisite:** NURS 143, NURS 144, or instructor permission. **Corequisite:** NURS 156. Graded Credit/No Credit. 1 unit.

**NURS 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. Laboratory twelve hours. **Prerequisite:** NURS 143, NURS 144, or instructor permission. **Corequisite:** NURS 155. Graded Credit/No Credit. 3 units.

**NURS 160. Human Sexuality.** 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 persons whose sexual attitudes and behavior might differ from their own. Lecture three hours. 3 units.

**NURS 163. Holistic Approach to Aging.** Holistic approach to aging including biological, psychological, sociological, cultural, spiritual, and gender perspectives. Primary focus is on changing needs and adaptation of the older adult with regards to health, services, and societal changes. An overview of aging in the United States today, particularly California. It is oriented toward students who wish to understand the process of aging, especially those who are pursuing a career in health related fields. Fulfills a requirement for the interdisciplinary Major, Minor, and Certificate in Gerontology. **Prerequisite:** Passing score on the WPE. 3 units.

**NURS 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.

**NURS 168. The Brain and Gender-Related Differences.** 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.

**NURS 169. Reasoning Development in Health Care Sciences.** Seminar or Web-based discussions designed to assist students in developing reasoning skills involved in making clinical judgments. Students will develop understanding of themselves as beginning professionals while analyzing their own reasoning processes as well as processes used by experts in actual clinical situations. Students will document their reasoning skill development throughout the course in log reflections and written scenario assignments. **Note:** Three hours per week. **Prerequisite:** All prerequisites for NURS 143, NURS 144 or instructor permission. **Corequisite:** NURS 143, NURS 144 or NURS 155, NURS 156. 3 units.

**NURS 191. Service-Learning in Nursing.** Service-learning experience provides an opportunity for students to use community health and leadership theories and principles in a practical application by working with a community agency to mutually determine a

defined health need/problem, identify a goal to meet or solve the community problem, and complete a culminating group project. The service-learning experience takes two semesters to complete. **Prerequisite:** NURS 136, NURS 137, NURS 138, NURS 139; or instructor permission. **Corequisite:** NURS 143 and NURS 144. Graded Credit/No Credit. 1-2 units.

**NURS 194. Cooperative Education in Nursing. 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. **Prerequisite:** Completion of lower division course work 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 instructor permission. Course may be repeated up to three times for credit. Graded Credit/No Credit. 1-12 units.

**NURS 195. Field Study.** Guided study and experience in a specified nursing area. **Prerequisite:** Instructor permission. Graded Credit/No Credit. 1-6 units.

**NURS 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:** Instructor permission. 2 units.

**NURS 196C. Cultural Competence in Healthcare—An International Exchange.** The opportunity to explore personal cultural understanding of health and illness in another country. Readings, seminar discussion, reflective writing, and immersion will guide the student in the exploration of transcultural nursing and health. The course emphasizes the development of communication skills necessary to work effectively with diverse populations. International health issues will be explored in the context of collegial sharing as students are able to interact with healthcare providers in the host country. **Prerequisite:** NURS 138, 139, Licensed RN. Graded Credit/No Credit. 3 units.

**NURS 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.

## Graduate Courses

**NURS 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 two hours. **Prerequisite:** Undergraduate research course. Fall only. 2 units.

**NURS 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 two hours. **Prerequisite:** NURS 210A, STAT 001 or equivalent and instructor permission. Spring only. 2 units.

**NURS 211. Ethics and Issues.** Examination of current nursing and health care issues and their implications for ethical nursing practice. Lecture three hours. Fall only. 3 units.

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

**NURS 213A. Seminar in Specialized Nursing Processes: Family-Community-Mental Health Nursing.** Advanced practice concepts relating to the complexity and multiplicity of family interactions and their life experiences with emphasis on analytic planning, mobilization of community resources, community collaboration and consultation, and health education to meet the health care needs of the individual and family unit. **Prerequisite:** NURS 210A, NURS 212. Offered alternate years. 3 units.

**NURS 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, NURS 212. Offered alternate years. 3 units.

**NURS 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 pre-school, school age children and adolescents. Emphasis is on the role of the nurse in the management of common health problems coordination and collaboration and special education. **Prerequisite:** NURS 210A, NURS 212. 3 units.

**NURS 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, school based programs, management, family/community assessment, and the influence of culture on health. **Prerequisite:** NURS 213C. **Corequisite:** NURS 293D. 3 units.

**NURS 213E. Child-Adolescent Mental Health Nursing.** Advanced practice content in child-adolescent psychiatric, mental health nursing. Theoretical frameworks for practice, case studies and narrative clinical presentations, practice roles, legal and ethical issues, practice standards, group/family/play therapy treatments, psychopathology, nursing process, and psycho-pharmacology will be covered. **Note:** Web-based. **Prerequisite:** NURS 213A, NURS 293A. 3 units.

**NURS 213F. Adult Mental Health Nursing.** Introduction to the advanced practice content in adult psychiatric/mental health nursing. Theoretical frameworks for practice, case studies, narrative clinical presentation, practice roles, legal and ethical issues, practice standards, treatment modalities, psychopathology, nursing process, and psycho-pharmacology will be covered. **Note:** Web-based. Requires Internet access. **Prerequisite:** NURS 210A, NURS 212, NURS 213A, NURS 293A and instructor permission. **Corequisite:** NURS 293F. 3 units.

**NURS 214A. Leadership and Case Management.** Systems approach to applying major concepts of organizational theory in nursing practice. Emphasis is on the collaborative management of individuals/families/service lines to promote quality, cost-effective outcomes that enhance the physical, psychosocial and vocational health of the recipient of care/case management. Lecture 3 hours. **Prerequisite:** NURS 210A, NURS 212. 3 units.

**NURS 214B. Educational Program Development in Nursing I.** Introduction to curriculum development and instructional design concepts in preparation for the role of educator in an educational 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. **Note:** FOCUS alternates between K-12 and higher education. **Prerequisite:** NURS 210A, NURS 212. 3 units.

**NURS 214C. Educational Program Development in Nursing II.** Introduction to curriculum development and instructional design concepts in preparation for the role of educator in an educational institution or health care setting. Continues emphasis on instructional design, related to curriculum development and implementation, and to program evaluation. Lecture three hours. **Note:** FOCUS alternates between K-12 and higher education. **Prerequisite:** NURS 214B. **Corequisite:** NURS 294C. 3 units.

**NURS 215. Community and Health.** Examines the reciprocity between individual, family health and health of the community. Included is the examination of community as a partner in health. Community will be defined and the influence of community on the individual's health will be explored. Epidemiological data bases will be identified. These data bases will be critiqued and used to develop a profile of populations at risk. Lecture two hours. **Prerequisite:** Admission to graduate program or instructor permission. Summer Only. 2 units.

**NURS 216. Vision and Scoliosis Screening.** 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.

**NURS 230. Advanced Concepts in Pathophysiology.** 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. Offered Summer only alternate years. 3 units.

**NURS 231. Pharmacology for Advanced Practice.** Conceptual and systematic study of pharmacodynamics, pharmacokinetics, pharmacoeconomics and therapeutic implications for healthcare practitioners. Efficient use of traditional and web based pharmaceutical resources is encouraged. Designed to meet Board of Registered Nursing requirements for prescriptive privileges. Requires familiarity with disease process. Lecture three hours. Offered alternate years. 3 units.

**NURS 232A. Advanced Physical Assessment: Infant, Child, Adolescent.** 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. Individual practice required outside of class. Lecture three hours. **Prerequisite:** Admission to graduate program or instructor permission. Offered summer only alternate years. 3 units.

**NURS 232B. Advance Physical Assessment: Adult.** Advanced concepts and skills in health and physical assessment essential to the clinical decision making and caring process for the advanced practice nurse. Emphasis on eliciting an accurate and thorough history, considering the client's multiple dimensions. Competent physical examination skills and documentation are further developed to provide a data base for nursing diagnoses and clinical judgments in advanced nursing practice. Availability of an otoscope and stethoscope required. Individual practice required outside of class. **Note:** Additional hours required. **Prerequisite:** Admission to graduate program or instructor permission. Offered Summer only alternate years. 3 units.

**NURS 292. Practicum in Specialized Nursing Processes: Clinical Consultant in the Advanced Practice Role.** Supervised field experience in the advanced practice role of clinical consultant in the management of client symptoms, functional problems, and risk behavior. Evaluates health problems, etiologies, conditions, and the context in which problems occur in order to formulate appropriate interventions. **Prerequisite:** NURS 210A, NURS 212, NURS 213, NURS 215 and NURS 293 and instructor permission. Graded Credit/No Credit. 3 units.

**NURS 293A. Practicum in Specialized Nursing Processes: Family-Community-Mental Health Nursing.** Supervised field experience to allow in-depth exploration of clinical nursing specialties for the purpose of developing a clinical leadership role within the area of family-community-mental health nursing. **Prerequisite:** NURS 210A, NURS 212, NURS 213A and instructor permission. Offered alternate years. Graded Credit/No Credit. 3 units.

**NURS 293B. Practicum in Specialized Nursing Processes: Adult Nursing.** Supervised field experience to allow in-depth exploration of clinical nursing specialties for the purpose of developing a clinical leadership role within the area of adult nursing. **Prerequisite:** NURS 210A, NURS 212, NURS 213B and instructor permission. Offered alternate years. Graded Credit/No Credit. 3 units.

**NURS 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 for the purpose of developing a clinical leadership role in school nursing. **Prerequisite:** NURS 213C. **Corequisite:** NURS 213D. Graded Credit/No Credit. 3 units.

**NURS 293E. Practicum in Child-Adolescent Mental Health Nursing.** Supervised field experience to allow in-depth exploration of the advanced practice role with children and adolescents in a psychiatric/mental health or school-based setting. **Prerequisite:** NURS 210A, NURS 212, and NURS 213A or NURS 213C and instructor permission. **Corequisite:** NURS 213E. Graded Credit/No Credit. 3 units.

**NURS 293F. Practicum in Adult Mental Health Nursing.** Supervised field experience to allow in-depth exploration of the advanced practice role with adults in a psychiatric/mental health setting. **Prerequisite:** NURS 210A, NURS 212, NURS 213A and instructor permission. **Corequisite:** NURS 213F. Graded Credit/No Credit. 3 units.

**NURS 294A. Practicum in Leadership and Case Management.** Supervised field experience to allow in-depth exploration of nursing leadership in advanced practice and the role of the case manager in a variety of settings. **Prerequisite:** NURS 214A. Graded Credit/No Credit. 3 units.

**NURS 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.

**NURS 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. Graded Credit/No Credit. 1-6 units.

**NURS 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.

**NURS 500. Culminating Experience.** Completion of a thesis or project. A thesis requires an original contribution to knowledge in a traditional research format. A project is a significant undertaking of a pursuit appropriate to the profession. It must evidence originality and independent thinking, appropriate form and organization and a rationale. Credit to be given upon successful completion. **Prerequisite:** Advanced to candidacy for the Master's degree and permission of the Division. Completion of core, clinical and functional courses. **Corequisite:** NURS 210B. Graded Credit/No Credit. 3 units.