



Nursing

College of Health and Human Services

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 Division of Nursing's program serves its students and the society at large by creating an environment in which faculty and students pursue the knowledge, wisdom, and values that contribute to an improved quality of life.

The curricula of the Division are organized around the concepts of:

- nursing;
- health care consumer;
- health;
- environment; and
- learning.

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 Administrator • School Nurse • Advanced Clinical Role

Faculty

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The values reflected in the Division of Nursing include:

- caring;
- professionalism;
- integrity;
- diversity; and
- innovation.

The faculty believes that each person is 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.

Special Features

- The baccalaureate program consists of a four-year curriculum of lower and upper division course work. There are two (2) years of General Education including prerequisites and two (2) years of clinical nursing. The time to complete the prerequisites may increase the time to complete the degree. 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 fourth 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.

- The Sacramento State 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.
- Consult the Division of Nursing website at www.hhs.csus.edu/nrs for accelerated options for students with bachelors' degrees in other areas of study.
- Completion of the ATI, Test of Essential Academic Skills (TEAS). A minimum score of 75 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 3.0 is required on the Pre-Clinical 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 Nursing program. No prerequisites may be taken in the summer prior to enrollment in the fall semester.
- Additional, though optional, criteria which a student may choose and submit 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:

Note: Upon completion of the first seven academic semesters of the recommended course sequence in nursing (after the 4th 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 Board of Registered Nursing.

UNDERGRADUATE PROGRAM

Admission to the Sacramento State 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 **pre-nursing majors** until they enter the Clinical Nursing program.

Up to 60 generic students 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. Admitted students are selected from among candidates who meet the prerequisite requirements and follow the supplemental application procedures described below. Continuing Sacramento State, 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 3.0 based on the most recent 30 graded semester units, plus 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.

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 Nursing program.

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

- University online application due.
- Contact every college attended, requesting a transcript be mailed to the Sacramento State 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.

February

- Supplemental Clinical Nursing Application and instructions available on Division of Nursing website by February 1, www.bhs.csus.edu/nrs (see application for deadline date).
- All transcripts must be in applicant's Sacramento State Admissions file.

April

- Letter of admission or denial mailed.
- Letter of Intent to Enroll required.

Spring Semester:

June

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

July

- File a request at current college for a transcript to be sent as soon as grades from the summer term have been recorded (do not wait until summer term has ended to file).

August

- University online application due.

September

- Supplemental Clinical Nursing Application and instructions available on Division of Nursing website on September 15, www.bhs.csus.edu/nrs (see application for deadline date).
- All transcripts must be in applicant's Sacramento State Admissions file.
- Last TEAS test date for a spring Clinical Nursing program admission.

November

- Letter of admission or denial mailed.
- Letter of Intent to Enroll required.

Clinical Nursing Selection Criteria

- The college GPA, the results of the ATI, Test of Essential Academic Skills (TEAS), 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.
- Admitted students are 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 Center or a private physician prior to beginning nursing course work. Drug and alcohol screening is required before beginning clinical nursing. 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 and program publications are available on the Division of Nursing website at www.bhs.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 pay the University fee for professional liability insurance, provide proof of automobile insurance, and have a means of transportation to extended campus facilities. Professional liability insurance is mandatory prior to beginning clinical experiences. 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 11, NURS 144, NURS 150, and NURS 156 (Generic students), and NURS 171, NURS 174, NURS 178, (RN to BSN students) may not be challenged. Students who by reason of special study, experience or training, already possess the skills, knowledge and attitudes which are the objectives of the given course, 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 Sacramento State Catalog or by contacting the Division of Nursing. Students wishing to challenge should contact the Division.

Background Checks

The Board of Registered Nursing requires 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. All students admitted to the clinical nursing program are required to complete a background screening process by an outside agency. Individuals with reported convictions should refer to the “Prior Convictions and Disciplinary Actions” in the Licensing and Examination section and “Background Checks for Student Clinical Placement” in the Nursing School section of the Board of Registered Nursing website at www.rn.ca.gov.

Note: If a prerequisite course has been taken more than once, the higher grade will be included in the GPA calculation used to rank candidates. However, if an individual prerequisite course has been taken more than twice within the seven year period preceding the first day of Supplemental Nursing Application filing period, a five-point deduction per course will be taken from the candidate’s final score in the ranking for admission to the clinical nursing program.

Requirements • Bachelor of Science Degree

Units required for Generic Major: 104

Minimum total units required for the BS: 131

Units required for the RN to BSN Major: 101

Minimum total units required for BS: 120

Note: Additional units may be required to meet the Sacramento State foreign language requirement.

Courses in parentheses are 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 4 Introduction To Public Speaking
- (3) An introductory college composition course such as:
ENGL 1A College Composition (EPT score of 148+ or above, or completion of ENGL 1)
- (3) A critical thinking course such as:
COMS 2 Argumentation **OR**
ENGL 1C Critical Thinking and Writing (Grade of C- or better in ENGL 1A)
- (3) A quantitative reasoning course such as:
STAT 1 Introduction to Statistics or any GE Area B4 course (MATH 9 or three years of high school mathematics which includes two years of algebra and one year of geometry; completion of ELM requirement and the Intermediate Algebra Diagnostic Test)
- (5) An organic chemistry course with a lab such as:
CHEM 6B Introduction to Organic and Biological Chemistry (CHEM 1A or CHEM 6A 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 22 Introductory Human Anatomy (BIO 1, BIO 2, BIO 10, or BIO 20) **OR**
BIO 25 Human Anatomy and Physiology I
- (4) A physiology course with a lab such as:
BIO 26 Human Anatomy and Physiology II (BIO 25 or instructor permission)
BIO 131 Systemic Physiology (BIO 1, BIO 2, BIO 10, BIO 20, or BIO 22 and one year of college chemistry) **OR**
- (4) A microbiology course with a lab such as:
BIO 139 General Microbiology (BIO 10 or BIO 20 or both BIO 1 and BIO 2; CHEM 6B, CHEM 20 or CHEM 24)

B. Required Clinical Nursing Courses (71-73 units)

At any time prior to 2nd semester (11 units)

- (3) Course in Human Nutrition
- (3) Course in Human Development
- (3) Course in Introductory Psychology
- (2) NURS 14 Pharmacology (BIO 131 or equivalent)

At any time before graduation (3 units)

- (3) Course in Societal-Cultural Patterns

1. First Semester (12 units)

- (3) NURS 11 Introduction to Professional Nursing (Admission to Clinical Nursing program)
- (5) NURS 12# Nursing Care of Adults (Admission to Clinical Nursing program; Corequisite: NURS 15, NURS 16)
- (2) NURS 15# Introduction to Clinical Nursing Practice (Admission to Clinical Nursing program; Corequisite: NURS 12, NURS 16)
- (1) NURS 16# Physical Assessment of the Adult (Admission to Clinical Nursing program or instructor permission; Corequisite: NURS 12, NURS 15)
- (1) NURS 18# Therapeutic Interpersonal and Group Communication in Nursing (Admission to Clinical Nursing program; Corequisite: NURS 11, NURS 14, NURS 17 or instructor permission)

2. Required Second Semester Clinical Nursing Courses** (14 units)

- (2) NURS 17# Concepts and Practices of Gerontological Nursing (Admission to Clinical Nursing program)
- (6) NURS 123 Nursing Families in Complex Illness (NURS 11, NURS 12, NURS 15, NURS 16, NURS 17; or instructor permission)
- (5) NURS 129 Mental Health Nursing (NURS 11, NURS 12, NURS 15, NURS 16, NURS 17; or instructor permission)
- (1) NURS 196C Applied Aspects of Gerontology in Nursing

3. Required Upper Division Courses for Generic Students (31 units)

a. Third Semester Clinical Courses (12 units)

- (1) NURS 136 Nursing the Childbearing Family: Skills and Assessment (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 137)

- (5) NURS 137 Nursing the Childbearing Family (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 136)
- (5) NURS 138 Nursing the Childrearing Family (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 139)
- (1) NURS 139 Nursing the Childrearing Family: Assessment and Skill Acquisition (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 138)

b. Fourth Semester Clinical Courses (13 units)

- (6) NURS 143 Leadership and Management in Nursing Practice (NURS 136, NURS 137, NURS 138, NURS 139 or instructor permission)
- (5) NURS 144 Community Health Nursing (NURS 136, NURS 137, NURS 138, NURS 139 or instructor permission)
- (2) NURS 150 Research in Nursing (NURS 12; Corequisite: NURS 123, NURS 129 or instructor permission)

c. Fifth Semester Clinical Courses (6 units)

- (3) NURS 156 Selected Senior Practicum in Nursing (NURS 143, NURS 144 or instructor permission)
- (3) NURS 169± Reasoning Development in Health Care Sciences (All prerequisites for NURS 143, NURS 144 or instructor permission; Corequisite: NURS 143, NURS 144 or NURS 156)

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 in Anthropological Perspective
- ANTH 186 Culture and Poverty (Passing score on WPE)
- ANTH 188 Anthropology of the Body
- HRS 161 Multicultural America
- SOC 1 Principles of Sociology

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

- NURS 10 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.

* Not required for RN to BSN students who are already licensed.

**No more than nine units from courses bearing the same designation as student's major may be applied to General Education requirements (e.g., NURS). Freshman Seminar does not, in any case, count against the 9 unit overlap.

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 Sacramento State. 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.

RN to BSN Program

Prerequisites courses must be met prior to admission. Must meet requirements specified in Sections B1, B2, and C above.

Must possess a current valid California Registered Nurse License.

Required Upper Division Courses for RN-BSN Students (49 units)

1. First Semester (15 units)

- (3) NURS 170 Basics of Nursing Research and Application (Acceptance into the RN to BSN Program or instructor permission; Corequisite: NURS 171 and NURS 173)
- (6) NURS 171 Transitional Concepts for Professional Nursing (RN licensure, admission to the RN to BSN program)
- (6) NURS 173 Theoretical Foundations for Leadership and Management (Corequisite: NURS 171)

Equivalency is awarded after completion of NURS 171 for the following courses (23 units)

- (6) NURS 123 Nursing Families in Complex Illness (NURS 11, NURS 12, NURS 15, NURS 16, NURS 17; or instructor permission)
- (5) NURS 129 Mental Health Nursing (NURS 11, NURS 12, NURS 15, NURS 16, NURS 17; or instructor permission)
- (1) NURS 136 Nursing the Childbearing Family: Skills and Assessment (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 137)
- (5) NURS 137 Nursing the Childbearing Family (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 136)
- (5) NURS 138 Nursing the Childrearing Family (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 139)
- (1) NURS 139 Nursing the Childrearing Family: Assessment and Skill Acquisition (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 138)

2. Second Semester (11 units)

- (3) NURS 169± Reasoning Development in Health Care Sciences (All prerequisites for NURS 143, NURS 144 or instructor permission; Corequisite: NURS 143, or NURS 144, NURS 156)
- (6) NURS 174 Community Health Nursing for Professional Nurses and Leadership in the Community (NURS 171, NURS 173)
- (2) NURS 178 Culminating Project (NURS 171, NURS 173; Corequisite: NURS 174)

Generally met through completion of basic RN program.

± May be used for upper division GE Area E and the Writing Intensive Graduation Requirement 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 and a successful petition to repeat from the Student Affairs Committee.

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 traditionally designed to prepare registered nurses with baccalaureate degrees for advanced practice roles as nursing educators, administrators, family and community, and adult clinical roles, family nurse practitioners, clinical nurse specialists, and credentialed school nurses; in addition the program prepares nursing educators. 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 and role 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 additional core or advanced practice role courses, School Nurse, Nursing Administration, Nurse Practitioner or Nursing Educator. Within the advanced practice clinical roles, students may focus on adult, family, community, mental health, school health or gerontologic advanced nursing practice.

Students desiring the School Nurse Services Credential must be admitted to the MS program unless already possessing a master's degree. Nineteen (19) units from the MS degree meet the credential requirements.

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;
- 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 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 1 or SWRK 110) within the past seven years may be taken before admission or after admission but before NURS 210B.

Professional Liability and Automobile Insurance and Health Requirements

All students enrolled in clinical laboratory courses in the Master's program must pay the fee for the University 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. Drug and alcohol screening is required. 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.

Admission Procedures

Prospective graduate students, including Sacramento State 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 Sacramento State*;
- 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 March 1 for fall 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 online at www.csus.edu, Office of Graduate Studies. 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.

Requirements • Master of Science Degree

Units required for the MS: 36

Courses in parentheses are prerequisites.

A. Core Courses (18 units)

- (2) NURS 210A Research Methods and Techniques in Nursing I (Undergraduate research course)
- (2) NURS 210B Research Methods and Techniques in Nursing II (NURS 210A, STAT 1 or equivalent and instructor permission)
- (3) NURS 211 Ethics and Issues
- (3) NURS 212 Concepts and Theory Development in Nursing
- (3) NURS 214B Educational Program Development in Nursing I (NURS 210A, NURS 212)
- (2) NURS 215 Community and Health (Admission to graduate program or instructor permission)
- (3) NURS 268 Health Policy and Services or a comparable transferable course

B. Advanced Practice Role Preparation (student completes at least one area)

Advanced Clinical Role (15 units)

- (3) NURS 213A Seminar in Specialized Nursing Processes: Family-Community-Mental Health Nursing (NURS 210A, NURS 212) **OR**
- NURS 213B Seminar in Specialized Nursing Processes: Adult Nursing (NURS 210A, NURS 212)
- (3) NURS 230 Advanced Concepts in Pathophysiology
- (3) NURS 231 Pharmacology for Advanced Practice
- (3) NURS 232A Advanced Physical Assessment: Infant, Child, Adolescent (Admission to graduate program or instructor permission) **OR**
- NURS 232B Advanced Physical Assessment: Adult (Admission to graduate program or instructor permission)
- (3) NURS 293A Practicum in Specialized Nursing Processes: Family-Community-Mental Health Nursing (NURS 210A, NURS 212, NURS 213A and instructor permission) **OR**

- NURS 293B Practicum in Specialized Nursing Processes: Adult Nursing (NURS 210A, NURS 212, NURS 213B and instructor permission)

Nursing Administration Role (16 units)

- (2) MBA 201 Accounting
- (2) MBA 204 Management and Organization Concepts
- (2) MBA 207 Finance (ECON 204, MBA 201, MBA 206)
- (2) MBA 208 Marketing (ECON 204, MBA 201, MBA 203)
- (2) MBA 209 Production and Operations Analysis (ECON 204, MBA 201, MBA 206)
- (3) NURS 214A Leadership and Case Management (NURS 210A, NURS 212)
- (3) NURS 294A Practicum in Leadership and Case Management (NURS 214A)

Students may pursue a nursing administration or healthcare administration role through the Special Major degree option. See graduate degree requirements in the catalog for Master of Science in Special Major. Minimum of 36 units required for MS.

School Nursing Role (19 units)

- (3) NURS 213C Seminar in Specialized Nursing Processes: School Nursing I (NURS 210A, NURS 212)
- (3) NURS 213D Seminar in Specialized Nursing Processes: School Nursing II (NURS 213C; Corequisite: NURS 293D)
- (1) NURS 216 Vision and Scoliosis Screening
- (3) NURS 232A Advanced Physical Assessment: Infant, Child, Adolescent (Admission to graduate program or instructor permission)
- (3) NURS 293D Practicum in Specialized Nursing Processes: School Nursing (NURS 213C; Corequisite: NURS 213D)
- (3) A Special Education course
- (3) An Audiology course

Education Role (15 units)

- (3) EDTE 282 Strategies for Application and Presentation
- (3) EDTE 284 Problem Solving and Project Development
- (3) NURS 213A Seminar in Specialized Nursing Processes: Family-Community-Mental Health Nursing (NURS 210A, NURS 212) **OR**
- NURS 213B Seminar in Specialized Nursing Processes: Adult Nursing (NURS 210A, NURS 212)
- (3) NURS 214C Educational Development in Nursing II (NURS 214B; Corequisite: NURS 294C)
- (3) NURS 294C Practicum in Educational Program Development in Nursing (NURS 214B; Corequisite: NURS 214C)

Family Nurse Practitioner

(See Requirements – Family Nurse Practitioner Option; contact Graduate Coordinator for program of study.)

C. Optional Role Preparations (Not required for MS in Nursing)

Faculty Preparation or Special Teaching Authorization for Health (STAH) (6 units)

- (3) NURS 214C Educational Program Development in Nursing II (NURS 214B; Corequisite: NURS 294C)
- (3) NURS 294C Practicum in Educational Program Development in Nursing (NURS 214B; Corequisite: NURS 214C)

School Based Mental Health Services (9 units)

- (3) NURS 213E Child-Adolescent Mental Health Nursing (NURS 213A, NURS 293A)
- (3) NURS 293E Practicum in Child-Adolescent Mental Health Nursing (NURS 210A, NURS 212, and NURS 213A or NURS 213C and instructor permission; Corequisite: NURS 213E)
- (3) A counseling or mental health course

D. Culminating Requirement (3 units)

Requirements • Master of Science Option - Family Nurse Practitioner

Students applying to the University of California, Davis, Family Nurse Practitioner Program (FNP) who meet the admission requirements for the MS in Nursing at Sacramento State may apply concurrently to complete the MS degree requirements. FNP students complete 15 semester units of core courses at Sacramento State, 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 Sacramento State). Sacramento State graduate courses are scheduled to coincide with progression through the UCD program. Residency requirements for Sacramento State are met through completion of 18 units at Sacramento State 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.

Courses in parentheses are prerequisites.

- (3) NURS 211 Ethics and Issues
- (3) NURS 213C Seminar in Specialized Nursing Processes: School Nursing I (NURS 210A, NURS 212)
- (3) NURS 213D Seminar in Specialized Nursing Processes: School Nursing II (NURS 213C; Corequisite: NURS 293D)
- (1) NURS 216 Vision and Scoliosis Screening
- (3) NURS 232A Advanced Physical Assessment: Infant, Child, Adolescent* (Admission to graduate program or instructor permission)
- (3) NURS 293D Practicum in Specialized Nursing Processes: School Nursing (NURS 213C; Corequisite: NURS 213D)
- (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 Sacramento State 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 Sacramento State, 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).

ENTRY LEVEL MASTERS (ELM)

An Entry Level Master's (ELM) is proposed for students who already possess a BA/BS in another field. Students will be enrolled in the identical course work completed by students in the current generic baccalaureate program and the current generic master's program. The only changes will involve acceleration of the pre-licensure portion and overlap of course work between the undergraduate and graduate programs. Students must meet the current prerequisites for the BS in Nursing, take the Test

of Essential Academic Skills (TEAS), and complete a written essay on the expectations of the ELM and their desired career goals. Upon acceptance they will begin the existing pre-licensure courses and complete the 6 semesters of the current pre-licensure program (14 months). They will be eligible to take the national licensure examination. The BS in Nursing is not required to take the licensing examination because these students already possess a BA or BS in another field. Students will then continue full time in the MS in Nursing. An 18 month sequence is proposed as required by the funding legislation, however, students may opt to complete the MS as a part-time student over a longer period of time.

Admission Requirements for the ELM Program

- Baccalaureate degree in a discipline other than nursing
- Minimum grade point average (GPA) of 3.0 (on a 4.0 scale)
- Completion of the Graduate Record Examination (GRE) within the past five years (general exam plus writing proficiency)
- Satisfactory completion of clinical nursing prerequisite and corequisite course work or equivalent:
 - (3) An oral communication course such as: COMS 4
 - (3) An introductory college composition course such as: ENGL 1A
 - (3) A critical thinking course such as: COMS 2 or ENGL 1C
 - (3) A quantitative reasoning course such as: STAT 1
 - (5) An organic chemistry course with a lab such as: CHEM 6B
 - (4) An anatomy course with a lab such as: BIO 22 or BIO 25
 - (4) A physiology course with a lab such as: BIO 131 or BIO 26
 - (4) A microbiology course with a lab such as: BIO 139
 - (3) An introductory psychology course such as: PSYC 1 or PSYC 5
 - (3) A “life span” human development course such as: CHDV 30
 - (3) A nutrition course such as: FACS 113 or FACS 10
- Satisfactory completion of an introductory statistics course (within 7 years)
- Statement of purpose: the goals/objectives for graduate study/ELM (attach to application)
- Three letters of recommendation

Admission is annually with courses beginning in June. The deadline for completing all application requirements for Summer priority admission is February 1st. Applications will continue to be accepted on a space available basis through June 1st.

Requirements • Entry Level Master's Program

BS or BA in major other than nursing to include courses in the following (41 units)

- (3) An oral communication course such as: COMS 4
- (3) An introductory college composition course such as: ENGL 1A
- (3) A critical thinking course such as: COMS 2 or ENGL 1C
- (3) A quantitative reasoning course such as: STAT 1
- (5) An organic chemistry course with a lab such as: CHEM 6B
- (4) An anatomy course with a lab such as: BIO 22 or BIO 25

- (4) A physiology course with a lab such as: BIO 131 or BIO 26
- (4) A microbiology course with a lab such as: BIO 139
- (3) An introductory psychology course such as: PSYC 1 or PSYC 5
- (3) A “life span” human development course such as: CHDV 30
- (3) A nutrition course such as: FACS 113 or FACS 10
- (3) A socio-cultural course such as: SOC 1 or ANTH 2

Courses in parentheses are prerequisites.

Required Nursing Courses (59 units)

Semester 1 (16 units) Summer

- (3) NURS 11 Introduction to Professional Nursing (Admission to Clinical Nursing program)
- (5) NURS 12 Nursing Care of Adults (Admission to Clinical Nursing program; Corequisite: NURS 15, NURS 16)
- (2) NURS 14 Pharmacology (BIO 131 or equivalent)
- (2) NURS 15 Introduction to Clinical Nursing Practice (Admission to Clinical Nursing program; Corequisite: NURS 12, NURS 16)
- (1) NURS 16 Physical Assessment of the Adult (Admission to Clinical Nursing program or instructor permission; Corequisite: NURS 12, NURS 15)
- (2) NURS 17 Concepts and Practices of Gerontological Nursing (Admission to Clinical Nursing program)
- (1) NURS 18 Therapeutic Interpersonal and Group Communication in Nursing (Admission to Clinical Nursing program; Corequisite: NURS 11, NURS 14, NURS 17 or instructor permission)

Semester 2 (13 units) Fall

- (6) NURS 123 Nursing Families in Complex Illness (NURS 11, NURS 12, NURS 15, NURS 16, NURS 17, or instructor permission)
- (5) NURS 129 Mental Health Nursing (NURS 11, NURS 12, NURS 15, NURS 16, NURS 17, or instructor permission)
- (2) NURS 150 Research in Nursing (NURS 12; Corequisite: NURS 123, NURS 129, or instructor permission)

Semester 3 (15 units) Spring

- (1) NURS 136 Nursing the Childbearing Family: Skills and Assessment (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 137)
- (5) NURS 137 Nursing the Childbearing Family (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 136)
- (5) NURS 138 Nursing the Childrearing Family (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 139)
- (1) NURS 139 Nursing the Childrearing Family: Assessment and Skill Acquisition (NURS 123, NURS 129, or instructor permission; Corequisite: NURS 138)
- (3) NURS 169 Reasoning Development in Health Care Sciences (All prerequisites for NURS 143, NURS 144 or instructor permission; Corequisite: NURS 143, NURS 144 or NURS 156)

Semester 4 (15 units) Summer

- (6) NURS 143 Leadership and Management in Nursing Practice (NURS 136, NURS 137, NURS 138, NURS 139 or instructor permission)
- (5) NURS 144 Community Health Nursing (NURS 136, NURS 137, NURS 138, NURS 139 or instructor permission)
- (2) NURS 156 Selected Senior Practicum in Nursing (NURS 143, NURS 144 or instructor permission)
- (1-2) NURS 191 Service-Learning in Nursing (NURS 136, NURS 137, NURS 138, NURS 139 or instructor permission; Corequisite: NURS 143, NURS 144)

Graduate Program (36 units)**Semester 5 (9 units) Fall**

- (3) NURS 211 Ethics and Issues
- (3) NURS 212 Concepts and Theory Development in Nursing
- (3) NURS 214B Educational Program Development (NURS 210A, NURS 212)

Semester 6 (11 units) Spring

- (2) NURS 210A Research Methods and Techniques in Nursing I (Undergraduate research course)
- (3) NURS 213A Seminar in Specialized Nursing Processes: Family-Community-Mental Health Nursing (NURS 210A, NURS 212) **OR**
NURS 213B Seminar in Specialized Nursing Processes: Adult Nursing (NURS 210A, NURS 212)
- (3) NURS 230 Advanced Concepts in Pathophysiology
- (3) NURS 268 Health Policy and Services

Semester 7 (11 units) Summer

- (2) NURS 215 Community and Health (Admission to graduate program or instructor permission)
- (3) NURS 231 Pharmacology for Advanced Practice
- (3) NURS 232A Advanced Physical Assessment: Infant, Child, Adolescent (Admission to graduate program or instructor permission) **OR**
NURS 232B Advanced Physical Assessment: Adult (Admission to graduate program or instructor permission)
- (3) NURS 293A Practicum in Specialized Nursing Processes: Family-Community-Mental Health Nursing (NURS 210A, NURS 212, NURS 213A and instructor permission) **OR**
NURS 293B Practicum in Specialized Nursing Processes: Adult Nursing (NURS 210A, NURS 212, NURS 213B and instructor permission)

Semester 8 (5 units) Fall

- (2) NURS 210B Research Methods and Techniques in Nursing II (NURS 210A, STAT 1 or equivalent and instructor permission)
- (3) NURS 500 Culminating Experience (Advanced to candidacy for the Master's degree and permission of the Division; completion of core, clinical and functional courses; Corequisite: NURS 210B)

Lower Division Courses

NURS 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 U.S. today. Provides a format to debate current biomedical issues and explores crosscultural health practices. Lecture three hours. **Units:** 3.0.

NURS 11. Introduction to Professional Nursing. Provides a conceptual base for the practice of professional nursing as taught in the Sacramento State 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. **Units:** 3.0.

NURS 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. **Corequisite:** NURS 15, NURS 16. **Units:** 5.0.

NURS 14. 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. **Units:** 2.0.

NURS 15. Introduction to Clinical Nursing Practice. Intensive on-campus nursing skills laboratory. Laboratory six hours. **Prerequisite:** Admission to Clinical Nursing program. **Corequisite:** NURS 12, NURS 16. **Units:** 2.0.

NURS 16. 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 12, NURS 15. **Graded:** Credit / No Credit. **Units:** 1.0.

NURS 17. 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. **Units:** 2.0.

NURS 18. 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:** Admission to the clinical nursing program. **Corequisite:** NURS 11, NURS 14, NURS 17 or instructor permission. **Graded:** Credit / No Credit. **Units:** 1.0.

NURS 21. Freshman Seminar: Becoming an Educated Person. Introduction to the nature and possible meanings of higher education, and the functions and resources of the University. Designed to help students develop and exercise fundamental academic success strategies and to improve their basic learning skills. Also provides students with an opportunity to interact with fellow students and the seminar leader and to build a community of academic and personal support. **Units:** 3.0.

Upper Division Courses

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 11, NURS 12, NURS 15, NURS 16, NURS 17; or instructor permission. **Units:** 6.0.

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 25 and BIO 26, BIO 139 or equivalent. **Graded:** Credit / No Credit. **Units:** 2.0.

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 11, NURS 12, NURS 15, NURS 16, NURS 17; or instructor permission. **Units:** 5.0.

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. Lecture two hours. **Prerequisite:** BIO 22 or equivalent, BIO 131 or equivalent. **Cross-listed:** PT 130. **Units:** 2.0.

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 129, or instructor permission. **Corequisite:** NURS 137. **Graded:** Credit / No Credit. **Units:** 1.0.

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 129, or instructor permission. **Corequisite:** NURS 136. **Units:** 5.0.

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 129, or instructor permission. **Corequisite:** NURS 139. **Units:** 5.0.

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 129, or instructor permission. **Corequisite:** NURS 138. **Graded:** Credit / No Credit. **Units:** 1.0.

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. **Units:** 6.0.

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. **Units:** 5.0.

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 12. **Corequisite:** NURS 123 and NURS 129 or instructor permission. **Units:** 2.0.

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. **Graded:** Credit / No Credit. **Units:** 3.0.

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. **Units:** 3.0.

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 U.S. 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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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, NURS 156. **Units:** 3.0.

NURS 170. Basics of Nursing Research and Application. Provides an introduction to research, including both quantitative and qualitative methods, that assumes no previous course content. Topics include simple research design, critique, ethics, and judicious utilization of results. Evidence-based practice, outcomes research, and review of existent literature are also focused upon, as are writing a basic research proposal and generating sample documents for institutional review board approval. **Prerequisite:** Acceptance into the RN to BSN Program or instructor permission. **Corequisite:** NURS 171 and NURS 173. **Units:** 3.0.

NURS 171. Transitional Concepts for Professional Nursing. Provides the returning registered nurse with the knowledge of theories, concepts, and social issues which have application to the practice setting. The holistic approach to the needs of the health care consumer 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/Online: six hours. **Prerequisite:** RN licensure, admission to the RN to BSN program. **Units:** 6.0.

NURS 173. Theoretical Foundations for Leadership and Management. Designed to enhance leadership skills. Provides the theoretical framework for management in multiple settings. Facilitates the transition of the registered nurse for role obtainment in leadership and management. Theories of leadership, organiza-

tion and change as they relate to the principles and processes of administration, management, and supervision will be applied in an organizational setting. Principles of leadership will be applied to select clinical situations and students will assess an issue within a community setting or organization. Lecture three hours; laboratory three hours. **Corequisite:** NURS 171. **Units:** 6.0.

NURS 174. Community Health Nursing for Professional Nurses and Leadership in the Community. Contemporary role of the community health nurse is presented within a public health framework, emphasizing the concept of community as client. Theoretical frameworks of the core functions of public health are explored. Epidemiological principles are utilized to assess and plan for individuals at-risk and community level nursing interventions. Social determinants of health, including race and ethnicity, will be analyzed to explain how these factors shape health status of individuals and groups in the U.S. Principles of community health promotion will be applied to assess and plan for the resolution of an issue within a community setting or organization. Lecture/online-four hours, laboratory-six hours. **Prerequisite:** NURS 171, NURS 173. **Units:** 6.0.

NURS 178. Culminating Project. Students will apply leadership and management principles within a community setting or organization to mutually determine a need or issue, identify goals to meet or solve the issue, and complete a culminating project based on theory and knowledge from course work in NURS 174 and NURS 173. Lecture two hours. Placement of Course: second semester RN to BSN program. **Prerequisite:** NURS 171, NURS 173. **Corequisite:** NURS 174. **Graded:** Credit / No Credit. **Units:** 2.0.

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. **Units:** 1.0-2.0.

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. **Units:** 1.0-12.0.

NURS 195. Field Study. Guided study and experience in a specified nursing area. **Prerequisite:** Instructor permission. **Graded:** Credit / No Credit. **Units:** 1.0-6.0.

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. **Units:** 2.0.

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. **Graded:** Graded (CR/NC Available). **Units:** 2.0.

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. **Units:** 2.0.

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 1 or equivalent and instructor permission. **Units:** 2.0.

NURS 211. Ethics and Issues. Examination of current nursing and health care issues and their implications for ethical nursing practice. Lecture three hours. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Prerequisite:** NURS 210A, NURS 212. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 2.0.

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. **Units:** 1.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

NURS 268. Health Policy and Services. Examines issues of health policy, financing, and the organization and delivery of health services in the U.S. **Units:** 3.0.

NURS 292A. 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. **Units:** 3.0.

NURS 292B. Practicum in Specialized Nursing Processes: Clinical Leadership in the Advance Practice Role. Supervised field experience for the purpose of demonstrating clinical leadership in the advanced practice role. Practicum focuses on the mastery and use of theory and research as the foundation for clinical leadership, and serving as a change agent in the health care setting. Demonstration of leadership in the community and within professional organizations are integral to this practicum. **Prerequisite:** NURS 210A, NURS 212, NURS 213, NURS 215 and NURS 293 and instructor permission. **Graded:** Credit / No Credit. **Units:** 3.0.

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. **Graded:** Credit / No Credit. **Units:** 3.0.

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. **Graded:** Credit / No Credit. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 3.0.

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. **Units:** 1.0-6.0.

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. **Graded:** Graded (CR/NC Available). **Units:** 1.0-3.0.

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:** Thesis in Progress. **Units:** 3.0.