

Nursing

The mission of the Department of Nursing is to offer quality nursing education to undergraduate and graduate nursing students. This education prepares nurses to make clinical decision-making skills based on theory and research. As life-long learners, graduates are prepared to deliver quality health care for increasingly diverse populations. Graduates will lead, supervise, delegate, manage, and evaluate care outcomes, as well as demonstrate the ability to act as consumer advocates in promoting wellness and facilitating change.

The scope of nursing practice is changing significantly. The professional nurse uses theory and research-based knowledge to provide direct and indirect care to individuals, families, groups, and communities.

In the role as designer, manager, and coordinator of care, nurses collaborate with patients and interdisciplinary care teams.

The department offers an undergraduate program which leads to the Bachelor of Science degree in Nursing, a postbaccalaureate School Nurse Credential Program with an option to pursue the master's degree in nursing, a graduate program leading to a Master of Science degree in Nursing, and a Post-Master's Nurse Practitioner Credential Program.

Undergraduate Program

The program requires six semesters of nursing courses in addition to two semesters of prerequisite requirements. The basic General Education requirements are the same for all majors. Upon completion of the sixth semester clinical course sequence, the student is qualified to take the National Council Licensure Examination (NCLEX-RN) and apply for the Public Health Nurse Certificate. California State University, Fresno's nursing program is accredited by the California Board of Registered Nursing and the National League for Nursing (NLN).

Clinical Facilities

A wide variety of clinical placements are available. Placement facilities include Community Hospitals of Central California, St. Agnes Medical Center, Valley Children's Hospital, Veteran's Administration Medical Center, HCA Cedar Vista Hospital, University Medical Center, Central Valley Indian Health, Associated Indian Services, Armenian Home, San Joaquin Gardens, the Kaiser Permanente Medical Group, and the health departments from Fresno, Madera, Kings, and Tulare counties.

Advanced Placement in the Nursing Major

Students seeking advanced placement must seek advisement from the department. Students are expected to meet all prerequisites for admission and meet filing deadlines specified for undergraduate students.

College of Health
and Human Services

Department of Nursing

Mariamma K. Mathai, *Chair*

Gladys Maldoon, *Administrative
Support Coordinator*

McLane Hall, Room 178

(559) 278-2041

<http://www.csufresno.edu/nursing/nursing1.htm>

B.S. in Nursing

M.S. in Nursing

Options:

- Clinical Specialization
- Primary Care/Nurse Practitioner

School Nurse Credential

Combined program:

**Primary Care/Nurse Practitioner
(M.S. Nursing)
with School Nurse Credential**

Registered Nurses with an associate degree in nursing may articulate at the junior level in the major. Registered nurses from diploma programs may seek advanced placement through credit by examination (see *Academic Placement — Credit by Examination*).

Registered nurses are in a separate admission pool from the generic nursing applicants.

Licensed Vocational Nurses are offered three options:

1. Generic Nursing Program
2. Transfer/Credit by Examination
3. Thirty-Unit Option (nondegree)

Health Related Personnel. Medical corpsmen, psychiatric technicians, and others are eligible for credit by examination under the university's policy as outlined in the current catalog.

Advanced placement in the major prepares qualified students to receive their B.S.N. The curriculum is designed to emphasize theory-based practice in nursing and to provide the foundation for graduate study. While pursuing the degree, students are encouraged to select their area of interest. They are also encouraged to collaboratively care for patients in a variety of settings: acute care, critical care, long care, ambulatory care, and home care.



Faculty

Mariamamma K. Mathai, *Chair*

Judith Allender	Gozil M. Oxley
F. Ndidi	Michael F. Russler
Griffin-Meadows	Kristine Warner
Janet Hild	Elizabeth H.
Mary R. Ivan	Wilkerson
Patricia R. Nuttall	

Policies and Procedures for B.S.N. Admission

Admission to the program is a two-step process: (1) admission to the university and (2) admission to the nursing major. A separate nursing program application must be submitted. Applicants must meet all criteria for admission to the university and to the nursing major.

1. Students applying to the university must do the following:
 - a. File an application for admission to California State University, Fresno with the application fee and two official transcripts from each college or university previously attended.
 - b. Transfer students with fewer than 56 transferable semester units must file ACT or SAT scores and high school transcripts by the document deadline.
 - c. Students not in the major may apply to the university as prenursing majors.
2. Students must submit a nursing program application with documentation including one official transcript from each college or university attended by the application deadline.
3. Specific health criteria must be met. Students with recurrent infections or physical limitations that preclude meeting clinical course objectives may be unable to satisfactorily complete the requirements for a B.S. in Nursing. Contact the Nursing Department regarding any questions.

Eligibility to Apply to the Program. Students need:

- two natural science and two other prerequisite courses completed at the time of application
- to complete each prerequisite with a minimum C grade — CR/NC grades are not acceptable
- a GPA of 3.0 or above in all prerequisite courses

- maximum of two prerequisite courses may be repeated once to improve grade
- validated admission to California State University, Fresno for the term of program entry

All nine prerequisites must be completed before consideration for admission into the program. No prerequisite courses can be taken concurrently with the nursing courses. No exceptions.

Selection Criteria. The program is on impacted status (the number of applications received is greater than the number of vacancies for the program). Therefore, admission into the nursing major is very competitive; there is no waiting list. Only applicants with the highest composite scores in the nine prerequisite courses will be admitted. Applicants must reapply each time and compete with the entire applicant pool if not selected.

Note: California residents are given preference over out-of-state and international students as long as the program is on impacted status.

Selection for the Nursing Program:

- a. Students will be ranked by grade point average in the nine prerequisites courses (prerequisites GPA).
- b. Preference will be given to U.S. military veterans who meet minimum requirements for admission and who submit a DD214 showing a discharge date no more than four years prior to date application is submitted. Remaining applicants will be ranked by prerequisite GPA and admitted as enrollment quotas allow.

Application Filing Period

Fall admission: November 1–30; applications are available October 1.

Spring admission: August 1–31; applications are available July 1.

Dates are subject to change. Contact the Nursing Admissions Office at (559) 278-6579.

The program application includes additional instructions and deadlines.

Note: Students who have been admitted to the major, have made no arrangements with the department, and fail to attend the first day of class will be dropped from the major and not considered for future admission.

For the university application form and admissions information, write to the Office of Admissions, California State University, Fresno. For further information regarding program admission curricula, write to the following address and enclose a self-addressed, stamped, legal-size envelope:

California State University, Fresno
Admissions: Nursing
College of Health and Human Services
2345 East San Ramon Ave. M/S MH25
Fresno, CA 93740-8031.

Policies and Procedures for Direct Transfer into the Nursing Major

1. Students must have completed at least two semesters or 12 semester units of nursing courses in the major (all other students must follow the admission procedures for basic or advanced placement majors).
2. Students must submit all transcripts, course descriptions of nursing courses, and two letters of recommendation from their current school to be considered for transfer.
3. Students must meet all California State University, Fresno criteria for admission and continuation in the major to be eligible for transfer.
4. Students are admitted and placed in the major at the discretion of the department chair.
5. Transfer students who have written notification of acceptance into the program enter the major on a space-available basis and must receive department permission to enroll in classes.

Leave of Absence from Nursing Program

1. Request for leave of absence:
 - a. Students must request a leave of absence (LOA) in writing from the department chair. Students who don't request a LOA may not be readmitted into the major.
 - b. Leaves will be granted only for students who have completed at least one semester in the program and are in good standing.
2. Request to return from leave of absence:
 - a. Students must request in writing to be reinstated in the program specifying:
 - Date of LOA
 - Reason for LOA

- Disposition of circumstances requiring the LOA
 - Activities (e.g., working in hospital) engaged in during LOA
- b. Students will be notified in writing of requirements for returning to program, denial, or reinstatement.
- c. Requirements for return may include any or all of the following, based on the discretion of the department chair:
- Letters of recommendation from individuals such as counselors or physicians
 - Enrolling in up to 5 units of Independent Study to update theoretical and/or clinical skills
- d. Students who receive written notice of reinstatement in the major return on a space-available basis and must receive permission from the department to enroll in classes.

Progression in the Major. Criteria for retention, progression, and graduation from the program include a minimum grade of C in each required course and each nursing course offered for a grade, and credit in courses offered for CR/NC grading only. Nursing and required courses may be repeated only once to achieve a C or credit grade. Any student who receives less than a C grade (or no credit) in two nursing courses will not be permitted to continue in the major. Refer to the *Student Handbook, Baccalaureate Degree Nursing Program*, for complete progression and retention policies.

Expenses. Students must be prepared to incur any additional cost such as uniforms, malpractice insurance, health insurance, stethoscopes, course materials, lab fees, etc., and be responsible for transportation to clinical facilities. A current CPR certification, a physical examination, and specific immunizations are required.

Bachelor of Science Degree Requirements

Nursing Major *Units*

Major requirements..... 60*

Select one program:

Generic students (60)

- NURS 10, 10A, 10L, 110, 110A, 110L, 111, 112, 121, 121L, 123, 123L, 124, 131, 131L, 132, 132L, 140, 140L, 141, 141L, 142, 145, 150, 150L, 151

RN students only (60)

- NURS 112, 136, 137, 141, 141L, 145, 150, 150L; nursing electives (3 units): NURS 134, 135, 140, 142, 151, 180T; 33 transfer nursing units

Prerequisite requirements 32

Courses which must be completed before entrance into the nursing major: CHEM 3A; PHYAN 64 and 65; NUTR 53; MICRO 20 or 140; ENGL 1; PSYCH 10; ANTH 2 or SOC 1 or 2; COMM 8 preferred (or COMM 3 or 7)

Additional requirements 9

Courses which are prerequisite to specific nursing courses: CFS 38; PHIL 20; statistics

General Education 51**

(See *General Education*)

Minimum Total 131**

* See the Nursing Department for course descriptions not found in this catalog and for advising.

** This total assumes that student has maximized the 21 units of coursework in prerequisite and additional requirements for General Education as delineated in Advising Note 1 below.

Advising Notes

1. The following prerequisite and additional requirement courses to the nursing major also may be applied to fulfill a maximum of 21 units of General Education requirements: COMM 8 preferred (or COMM 3 or 7) in G.E. Foundation A1; ENGL 1 in G.E. Foundation A2; 3 units of CHEM 3A in G.E. Breadth B1; 3 units of MICRO 20 or 140 for G.E. Breadth B2 (for nursing majors only); PHIL 20 in G.E. Breadth C2; ANTH 2 or SOC 1 or 3 units of PSYCH 10 for G.E. Breadth D3; and CFS 38 or NUTR 53 in G.E. Breadth E1.
2. Students must complete the upper-division writing skills requirement in order to take NURS 145 and to graduate.
3. Optional CR/NC grading is not permitted in the nursing major.
4. Students are strongly encouraged to seek academic advising every semester and arrange an appointment.
5. All practicum courses (with suffix "A" or "L") require a minimum of three hours of clinical per unit of credit as a minimum to meet course objectives.

School Nurse

Credential Program

Postbaccalaureate Health Services (School Nurse) Credential

The School Nurse Credential Program provides basic preparation for professional roles in school nursing. The program, approved by the California Commission on Teacher Credentialing, leads to the Professional Health Services (School Nurse Credential.) The Department of Nursing, in conjunction with the School of Education and Human Development, recommends qualified candidates for credentialing as providers of health services in California public schools (preschool, K-12, adult).

The program of study for credential students consists of a minimum of 27 units. Courses taken in NLN accredited baccalaureate programs may be accepted for the credential at the discretion of the Department of Nursing. A limited number of school nursing classes are offered through distance learning.

Units

Audiology coursework

- NURS 180T or CSD 188T
- Audiology for School Nurses 3

Special Education coursework

- (select one)
- SPED 120
- Teaching Students with Special Needs in General Education Settings 3
- CSD 114
- Education of Exceptional Children 3
- PSYCH 168
- Exceptional Children 3

Counseling coursework (select one)

- COUN 174
- Introduction of Counseling 3
- COUN 200
- Seminar in Counseling
- Techniques 3

Physical Assessment

- NURS 136
- Health Appraisal* 3

Health Teaching

- NURS 137
- Teaching Strategies for the Health Client* 3

School Nursing

- NURS 184
- Introduction to School Nursing* 3

* Courses only available through regular enrollment in the university following acceptance into the Credential Program.

NURS 185	
Seminar in School Nursing*	3
NURS 186	
School Nurse Practicum I (elementary)*	3
NURS 187	
School Nurse Practicum II (secondary)*	3

Advanced pathophysiology and pharmacology courses are recommended.

* Courses only available through regular enrollment in the university following acceptance into the Credential Program.

Note: A minimum of 15 units in the credential program must be taken on this campus. The use of any comparable course is contingent upon departmental approval. Coursework taken more than 10 years ago is not acceptable to meet program requirements.

An introductory statistics course and nursing theory/research course are required for admission into the School Nurse Credential Program.

A maximum of 9 units is allowed through courses taken in Extended Education or concurrent enrollment.

Proof of current California RN license, malpractice insurance, current CPR certification, and current valid Student Health Center clearance are required prior to enrollment in NURS 186 and 187.

The student must hold either a Certificate of Clearance or a Preliminary Health Services Credential prior to enrollment in NURS 186 and 187. Contact the credentials analyst, Education Building, Room 100, (559) 278-0300, for application information.

All admission requirements (credential program application form, admission to the university, all documents, and prerequisites) must be completed prior to enrollment in any of the nursing courses.

Admission Criteria

1. Baccalaureate degree in nursing from a NLN accredited program
2. Admission to the university at the post-baccalaureate level
3. Current California Registered Nurse License
4. California Public Health Nurse Certificate

5. Overall GPA of 2.5 and 3.0 in nursing
6. Three satisfactory letters of recommendation (at least one from a recent employer or nursing faculty)

Admission Procedures

1. Complete application for admission to postbaccalaureate standing, Admissions Office, Joyal Building. Forward copy of application to Department of Nursing, school nurse coordinator.
2. Complete Credential Program application (available from the Department of Nursing).
3. Attach official transcripts of previous academic work.
4. Attach photocopies of required documents (R.N. License, P.H.N. Certificate).
5. Submit three letters of reference/recommendation (forms available from Department of Nursing).
6. Arrange appointment with School Nurse Credential Program coordinator for program planning and advisement.

Note: All candidates are required to sign a statement on the application form regarding conviction or plea of nolo contendere for any violation of law other than minor traffic offenses.

Candidates with a conviction may be refused a Health Services Credential. For further information, contact the credentials analyst, Education Building, Room 100, (559) 278-0300.

Time Restrictions. All requirements for a Professional Health Services Credential must be completed within five years of the date of issuance of the preliminary credential.

Articulation with the Graduate Program

School Nurse Credential students are encouraged to obtain a master's degree. Specific questions about graduate program admission requirements and coursework should be directed to the graduate coordinator, Department of Nursing. Graduate students in either the Pediatric or Family Nurse Practitioner programs may take the articulated option in School Nursing, reducing the total number of units needed to meet the educational requirements for a School Nurse Credential (see *Graduate Program*).

Graduate Program

The department offers an NLN accredited program that leads to a Master of Science degree in Nursing. There are two pathways into the M.S.N. program for individuals with different educational backgrounds.

In addition to advanced practice in a clinical area, students elect a functional role as clinical specialist or nurse practitioner.

The purpose of nursing education at the master's level is to help students apply advanced theory and practice with advanced skills in complex client and community systems. It further seeks to provide students with advanced skills in leadership and research in order to improve the health care of individuals, families, and communities. The program provides a foundation for doctoral study in nursing.

Facilities. The diverse facilities of the community provide a wide variety of learning opportunities for individualized pursuit of student goals. Graduate and postbaccalaureate students have clinical placements which are consistent with their career goals.

Admission Criteria for B.S.N. Graduates

1. Admission to California State University, Fresno, Division of Graduate Studies
2. Baccalaureate degree in nursing from an NLN accredited program
3. Registered nurse license in California (may be waived for nurses licensed in another country)
4. Overall GPA of 2.5 with 3.0 in nursing
5. GRE must be completed within last five years. Scores will be used in the admission selection process.
6. Malpractice insurance
7. An introductory course in statistics
8. An introductory course in research
9. A physical assessment course that includes theory and practice; or validation of knowledge and skills for graduates of programs with integrated content
10. Current CPR certification

Admission Procedures

1. Request an application packet by writing to the following address and enclosing a self-addressed, stamped, legal-size envelope:
California State University, Fresno
Admissions:

Graduate Nursing Program
College of Health
and Human Services
2345 East San Ramon Ave.
M/S MH25
Fresno, CA 93740-8031.

2. Arrange to take the Graduate Record Examination. If in Fresno, contact California State University, Fresno's Division of Graduate Studies.
3. Request application from Nursing Department and submit completed form to Admissions Office, California State University, Fresno.
4. Request official transcripts of previous academic work to be forwarded to Admissions Office.
5. Submit Nursing Department application and required credentials.
6. Complete and submit Nursing Department graduate program written essay.

Admission to the program is limited to the fall semester; students with deficiencies are encouraged to meet the requirements in the previous spring semester.

DEADLINE FOR APPLICATION FOR ADMISSION TO THE PROGRAM IS MARCH 1.

**Registered Nurses
with a Baccalaureate Degree
in a Field Other Than Nursing**

This program is open only to students eligible for admission to graduate standing at California State University, Fresno, who have completed a nursing program in an accredited school, are registered, or eligible for registration as nurses in the state of California and who hold a bachelor's degree in a related field from an accredited university.

For admission to this program, students are required to meet the following criteria in addition to the regular criteria set for admission to the M.S.N. program:

1. Submission of resume of all past educational and employment experience. Resume should emphasize experience in leadership, community health, research, and writing for publication.
2. Review of resume by the graduate coordinator of the Nursing Department who establishes nursing courses the student must complete to obtain a background comparable to students graduating with

a B.S.N. at California State University, Fresno.

3. Satisfactory completion of the individualized program established by the coordinator before enrolling in the regular M.S.N. program.
4. Admission to the Nurse Practitioner Program is not guaranteed, and all students must make application to the Nurse Practitioner Program.

Courses. Under the direction of the graduate coordinator, each student prepares and submits an individually designed program based on the following:

	<i>Units</i>
Core courses in nursing	12
NURS 211, 212, 221, 223, 225	
Approved cognates	0-11
(See <i>graduate coordinator for cognates.</i>)	
Role specialization courses	21
(See below.)	
Thesis (NURS 299) or Project (NURS 298)	3
<i>or</i>	
Comprehensive Exam	0*
Minimum Total	<u>36</u>

* Additional approved 3-unit elective required for students taking the Comprehensive Exam.

Role Specialization (Options)

Clinical Specialization

NURS 229, 250, 251; 11 units clinical cognates

Primary Care Nurse Practitioner

Family

NURS 210, 264, 265, 266, 267, 277, 278

Pediatric

NURS 210, 264, 265, 266, 269, 279, 280

Geriatric

NURS 210, 264, 265, 266, 271, 281, 282

Thesis, Project, and Comprehensive Exam. The department offers students the option of writing a thesis, completing a project, or taking a written comprehensive exam on five areas of the field. Information about the options is available from an adviser in nursing.

Note: All practicum courses require a minimum of three hours of clinical work per unit of credit to meet course objectives.

Advancement to Candidacy. Completion of 9 graduate units with a GPA of 3.0. Some students may have additional requirements as indicated by a faculty adviser.

Graduate students are responsible for policies and regulations of the Division of Graduate Studies and those specified in the graduate nursing program brochure.

Any nursing classes in the Role Specialization options area may be canceled because of insufficient enrollment.

Clinical Nurse Specialist

The Clinical Specialization Option prepares the graduate to assume a leadership role with advanced skills, knowledge, and competence in a specific area of clinical nursing. Students in this option actualize the role of the clinical specialist in a clinical setting with a master's prepared nurse preceptor. The student is responsible for writing objectives for the experience prior to the clinical placement. Arrangement for clinical placement is made after consultation with the appropriate faculty.

The purpose of the Clinical Specialization Option is to prepare nurses to prescribe and implement both direct and indirect nursing care and to articulate nursing therapies with other nursing personnel and other health providers.

Nurse Practitioner

The Primary Care/Nurse Practitioner Option prepares the graduate to provide primary health care to children, the elderly adult, and families. Classroom and clinical experiences focus on health assessment, health maintenance, and promotion, counseling, client education, and management of selected health problems. Practice in rural settings and with clients from diversified cultural backgrounds is emphasized.

Graduates meet the requirements for recognition as Pediatric, Geriatric, or Family Nurse Practitioners in California and may apply for ANA Certification.

The purpose of the Primary Care/Nurse Practitioner Option is to prepare nurses as specialists in primary care and to improve the availability, accessibility, and quality of primary care services in the Central San Joaquin Valley.

Nurse Practitioner Option combined with School Nurse Credential

Students concurrently enrolled in an articulated School Nurse Credential Program and Nurse Practitioner Option Program (SNC/PNP or SNC/FNP) are prepared for work as school nurse/nurse practitioners in a variety of primary health care settings where services are provided to school-age children and their families, including school-based clinics. Students completing this articulated option meet the educational requirements for a Health Services (School Nurse) Credential and Pediatric or Family Nurse Practitioner certification and may apply for additional ANA certification as School Nurse Practitioners.

Students in the articulated SNC/PNP or SNC/FNP program must complete 11 units of School Nurse Credential Program coursework in addition to their graduate program of study for nurse practitioners. Additional courses required for the School Nurse Credential:

Units

NURS 180T or CSD 188T	
Audiology for School Nurses	3
NURS 184	
Introduction to School Nursing	3
NURS 185	
Seminar in School Nursing	3
NURS 186	
School Nurse Practicum I (elementary)	1
NURS 187	
School Nurse Practicum II (secondary)	1

Note: Students selecting the comprehensive exam with 3-unit cognate option, rather than thesis or project options, may use 3 units from the coursework for the School Nurse Credential Program toward completion of the requirement for the master's degree.

Admission criteria and procedures for *both* programs must be met. Students must apply (and be accepted) to *both* the School Nurse Credential Program and the Graduate Program in Nursing. Consult the Graduate Coordinator *and* the School Nurse coordinator for advising.



COURSES

Nursing (NURS)

8T. Beginning Topics in Nursing (1-3; max total 6 if no topic repeated)

Not available for credit in the nursing major. Selected topics in nursing for prenursing and/or beginning nursing students. Explores topics not covered in regular nursing courses.

10. Basic Concepts and Care of Elderly Clients (3)

Prerequisites: admission to the major. Corequisites: NURS 10A, 10L, 112. Overview of theoretical and scientific foundations of nursing practice. Introduction to physiological, psychological, sociocultural, and developmental variables affecting individuals throughout the life span. Emphasis on basic concepts of pharmacotherapeutics and wellness promotion throughout the life span.

10A. Basic Skills in Nursing (2)

Prerequisite: admission to the major. Corequisites: NURS 10, 10L, 112. Application of concepts from NURS 10 in simulated client situations, emphasis on assessment and interventions required to assist individuals in meeting their common health needs. (6 lab hours) (Formerly NURS 10S)

10L. Practicum in Basic Concepts of Nursing Practice (1)

Prerequisite: admission to the major. Corequisites: NURS 10, 10A, 112. Utilization of concepts from NURS 10 in se-

lected health wellness settings. Supervised practice of health assessment, communication skills, and noninvasive nursing procedures. (3 clinical hours)

50. Cooperative Education in Nursing (1-5; max total 12; 80 hours/unit)

Prerequisites: current CPR certification; health clearance; NURS 10, 10A, 10L. Provides students enrolled in the nursing major an opportunity to obtain structured work-study experiences, under the supervision of registered nurses, in participating health care agencies. Opportunities for additional practice and development of confidence through application of previously learned knowledge and skills. *CR/NC* grading only; not applicable toward degree requirements.

110. Basic Concepts in Nursing (3)

Prerequisites: NURS 10, 10A, 10L, 112; CFS 38. Corequisites: NURS 110A, 110L, 111. Application of basic pathophysiology, pharmacotherapeutics, and assessment of clients across life span with emphasis on primary and secondary interventions, utilization of nursing process in care of clients with common health deviations.

110A. Advanced Skills in Nursing (2)

Prerequisites: NURS 10, 10A, 10L, 112. Corequisites: NURS 110, 110L, 111. Integration of knowledge and skills necessary for application in specific nursing diagnostic areas; emphasis on understanding the principles underlying the techniques and procedures required by clients with common health deviations. (6 lab hours) (Formerly NURS 110S)

110L. Practicum in Basic Concepts of Nursing (2)

Prerequisites: NURS 10, 10A, 10L, 112. Corequisites: NURS 110, 110A, 111. Application of nursing process to clients with common health deviations. Identification of risk factors associated with stressors and provision of nursing care directed toward primary and secondary interventions. (6 clinical hours)

111. Integrated Health Assessment (1)

Prerequisites: NURS 10, 10A, 10L, 112. Corequisites: NURS 110, 110A, 110L. Integration of health assessment techniques for clients at various stages of wellness, health, and disease. Principles of communication and history taking. Basic skills and arts necessary for conducting a physical and mental health examination.

112. Pathophysiology for Nurses (3)

Prerequisite: admission to the major. Corequisites: NURS 10, 10A, 10L. Study of the inter-, intra-, and extra-personal stressors leading to alterations in cardiac function, comfort, coping, elimination, immune response, metabolism, mobility, nutrition, respiration, role performance, and the implications for nursing practice.

121. Psychosocial Nursing (3)

Prerequisites: NURS 110, 110A, 110L, 111. Corequisite: NURS 121L. Current theories and concepts in the nursing care of clients with psychosocial disorders.

121L. Psychosocial Nursing Practicum (2)

Prerequisites: NURS 110, 110A, 110L, 111. Corequisite: NURS 121. Application of the nursing process to clients with psychosocial disorders. (6 clinical hours)

123. Concepts of Acute Illness in Adults (3)

Prerequisites: NURS 110, 110A, 110L, 111. Corequisite: NURS 123L. Secondary prevention of the acutely ill adult client/family with alterations in structure, energy, and resources due to intra, inter, and extrapersonal stressors upon flexible and normal lines of defense. Emphasis on the nursing process for reconstitution.

123L. Clinical Practicum: Acute Illness in Adults (2)

Prerequisites: NURS 110, 110A, 110L, 111. Corequisite: NURS 123. Application of nursing process in secondary prevention and care of acutely ill adults. (6 clinical hours)

124. Pharmacology in Nursing (2)

Prerequisites: NURS 110, 110A, 110L, 112. Pharmacological theory required for effective nursing practice. Principles of pharmacokinetics and pharmacodynamics.

131. Nursing of the Childrearing Family (3)

Prerequisites: NURS 121, 121L, 123, 123L, 124. Corequisite: NURS 131L. Introduction to current theories and concepts in the care of the pediatric client/family with emphasis on wellness and illness.

131L. Clinical Practice in Nursing of the Childrearing Family (2)

Prerequisites: NURS 121, 121L, 123, 123L, 124. Corequisite: NURS 131. Application of specific skills, theories, and concepts in the care of the pediatric client/

family with emphasis on wellness and illness. (6 clinical hours)

132. Nursing the Childbearing Family (3)

Prerequisites: NURS 121, 121L, 123, 123L, 124. Corequisite: NURS 132L. Theoretical base and clinical knowledge for application in primary and secondary prevention in the nursing of the childbearing family. Introduction to high risk perinatal nursing.

132L. Clinical Practice in Nursing of the Childbearing Family (2)

Prerequisites: NURS 121, 121L, 123, 123L, 124. Corequisite: NURS 132. Application of knowledge and technical skills in the nursing of the childbearing family during the intrapartum and postpartum periods with emphasis on the family as a unit. (6 clinical hours)

134. Geriatric Nursing: Concepts in Health Aging (2)

Prerequisites: NURS 121, 121L, 123, 123L. Exploration of theories and concepts relative to healthy aging, the nurse's role as a case manager in developmental and situational crises, and resources available to the nurse. Appropriate for nursing elective or RNs preparing for ANCC certification in gerontology.

135. Professional Transition (3)

Prerequisite: admission to the major with advanced standing. Introduction to theoretical and conceptual frameworks in nursing. Application to individual nursing practice. Opportunities for peer group support. Socialization into a B.S.N. program.

136. Health Appraisal (3)

Prerequisite: admission to the major or RN license. Health appraisal integrates psychosocial and pathophysiological processes including techniques of history taking and health assessment in nursing practice and knowledge of normal findings as well as common deviations. (2 lecture, 2 lab hours)

137. Teaching Strategies for the Health Care Client (2-3; max total 3, non-repeatable)

Prerequisite: upper-division status. Exploration of nurses' role as a teacher in health care setting. Principles of teaching and learning applied to teaching of individuals and groups. Opportunities for micro-teaching are provided. (Laboratory optional)

140. Concepts of Complex Clinical Nursing (2)

Prerequisites: NURS 131, 131L, 132, 132L. Corequisites: NURS 140L, 142. Theory and concepts relative to care of clients with complex health problems. Emphasis on synthesis of concepts and principles derived from nursing and other disciplines in implementation of primary, secondary, and tertiary prevention for clients of all ages.

140L. Practicum in Complex Clinical Nursing (2)

Prerequisites: NURS 131, 131L, 132, 132L. Corequisite: NURS 140. Clinical application of concepts and nursing process in care of clients of all ages with complex health problems. (6 clinical hours)

141. Concepts in Community Health and Home Health Nursing (3)

Prerequisites: completion of the Multicultural/International General Education requirement; PL SI 2 or 101; NURS 131, 131L, 132, 132L, 145. Corequisite: NURS 141L. Community and home health nursing principles, practices, and services to benefit client systems at the primary, secondary, and tertiary levels of prevention; recognizes the interrelatedness of nursing, public health, epidemiological, developmental, learning, and economic theories and concepts.

141L. Practicum in Community Health Nursing (3)

Prerequisites: NURS 131, 131L, 132, 132L. Corequisite: NURS 141. Application of primary, secondary, and tertiary prevention in the community with individuals, families, and groups. (9 clinical hours)

142. Critical Care Assessment (1)

Prerequisites: NURS 131, 131L, 132, 132L. Corequisites: NURS 140, 140L, 141, 141L. Study of the electrocardiogram and common dysrhythmias, airway management, and ventilator therapy, with implications to nursing practice.

145. Nursing Theories and Research (3)

Prerequisites: statistics, NURS 121, 121L, 123, 123L, and upper-division writing. Application of nursing theories and the research process to nursing practice are explored. Focus includes historical evolution of contemporary theories in nursing, critique of current research, and computer applications to research.

150. Leadership and Health Care Economics (3)

Prerequisites: NURS 140, 140L, 141, 141L, 142, 145. Corequisites: NURS 150L, 151. Development of the nurse as a leader in the health care delivery system. Development of negotiation, delegation, management, and critical thinking skills with recognition of the impact of a changing health care economics environment. (Course fee, \$35)

150L. Leadership and Clinical Management (3)

Prerequisites: NURS 140, 140L, 141, 141L, 142, 145. Corequisites: NURS 150, 151. Development and application of leadership skills in a variety of health care settings. Covers using negotiation, delegation, management, and critical thinking skills while managing a client caseload with interprofessional team members in a cost effective manner. (9 clinical hours)

151. Senior Project (1)

Prerequisites: senior standing or permission of instructor; NURS 140, 140L, 141, 141L, 142, 145. Corequisites: NURS 150, 150L. Opportunity for students to build upon conceptual, theoretical, and research knowledge base. Students pursue in-depth study and practical application in areas of interest: management, conflict resolution, application of nursing theories, research, or community project. Satisfies the senior major requirement for the B.S. in Nursing.

180T. Topics in Nursing

(1-3; max total 12 if no topic repeated)

Selected topics such as aging, holistic nursing, transcultural nursing, assertiveness training for nurses, psychosocial aspects of nursing, etc. Some topics may have clinical component.

184. Introduction to School Nursing (3)

Prerequisites: NURS 136; PSYCH 168 or CSD 114 or SPED 120; admission to Health Services Credential Program. Role of the nurse in the school health program; parameters of school health practice.

185. School Nurse Seminar (3)

Prerequisites: NURS 136, PSYCH 168 or CSD 114 or SPED 120; admission to Health Services Credential Program. Role of nurse in school health program; school health practice within legal/administrative parameters and effective use of resources.

186. School Nurse Practicum I (1-3; max total 3)

Prerequisites: school audiometrist certificate; NURS 184 prior to or concurrently;

NURS 136 and SPED 120, or CSD 114, or PSYCH 168; or approved alternative coursework. Provision of full range of school health services in elementary school with a focus on special education. Direct supervision by credentialed school nurse required. Scheduled conference with preceptor and faculty. (3-9 clinical hours/week)

187. School Nurse Practicum II (1-3; max total 3)

Prerequisites: School audiometrist certificate; NURS 185 prior to or concurrently; NURS 137; COUN 174 or COUN 200; or approved alternative coursework. Provision of full range of school health services in secondary school with focus on issues of adolescence. Participation in special projects. Direct supervision by credentialed school nurse required. Scheduled conferences with preceptor and faculty. (3-9 clinical hours/week)

190. Independent Study (1-3; max total 6)

See *Academic Placement — Independent Study*. Approved for *SP* grading.

GRADUATE COURSES

(See *Course Numbering System*.)

Nursing (NURS)

210. Health Assessment in Advanced Nursing Practice (3)

Prerequisites: NURS 136 or equivalent, pathophysiology, admission to the Graduate Program in Nursing. Refinement of history taking, physical diagnosis, psychosocial, and developmental evaluation of multicultural clients and families. Includes differential diagnosis, clinical decision making, and client management across the life span. Pharmacology and laboratory techniques incorporated. Includes clinical performance component. (2 lecture, 3 practicum hours)

211. Advanced Pharmacology (2)

Prerequisite: admission to the graduate program in nursing or permission of instructor. Concepts and theory relative to pharmacologic agents and devices utilized in health care by the advanced practice nurse. Content includes pharmacologic agents, physiologic/pathologic responses, and legal/ethical considerations for use with all age groups of clients.

212. Advanced Pathophysiology (2)

Prerequisite: admission to the graduate program in nursing or permission of instructor. The relationship between normal physiology and pathological phenomena

produced by altered states is analyzed. Physiologic responses to illness and treatment modalities across the life span are examined. Synthesis and application of current research regarding pathological changes are emphasized.

221. Theories Foundations of Nursing Practice (2)

Prerequisite: admission to the graduate program in nursing. Selected theories from nursing and related fields are examined and evaluated with emphasis on application in complex health care systems. The relationship between theory, research, and clinical practice is explored.

223. Advanced Research Methodology in Nursing (3)

Prerequisite: admission to the Graduate Program in Nursing. In-depth study of research principles and techniques. Formulation of a comprehensive database, critical analysis of clinical issues, application of research in the treatment regimen, and thesis/project proposal development are incorporated.

225. Advanced Nursing Issues: Health Care Policy Ethics and Role Development (3)

Prerequisite: admission to the graduate program in nursing. The evolution of major issues relevant to advanced nursing practice is examined. Topics include: health care policy, organization, and financing; ethics; professional role development; and interdisciplinary communication and collaboration.

229. Practicum in Advanced Clinical Nursing for the Clinical Specialist (4)

Prerequisites: admission to the graduate program in nursing; NURS 221. Applications of individual, family, and community systems theories and health appraisal skills in clinical practice settings. Transcultural and intergenerational factors are addressed. Creative strategies to client systems problem solving are implemented through application of theoretical models across interdisciplinary practice settings.

250. Seminar in Clinical Specialization (2)

Prerequisites: admission to graduate program in nursing, NURS 221. Advanced concepts of individual, family, and community theory are analyzed in relation to the health promotion and reconstitution process of dysfunctional individuals, families, and communities.

251. Practicum in Clinical Specialization (4)

Prerequisites: admission to graduate program in nursing, NURS 229; NURS 250 prior to or concurrently. Analysis and implementation of all aspects of the clinical specialist role in practice settings. Family and group process theories are applied to nursing, client, and staff groups.

264. Practicum in Advanced Clinical Nursing for the Nurse Practitioner (4)

Prerequisites: California RN licensure, NURS 210, 221. Corequisite: NURS 265 concurrently. A practicum designed to prepare nurse practitioners to deliver health promotion and health maintenance services. Applications of individual, family, community, and nursing theories are addressed utilizing transcultural and intergenerational factors in interdisciplinary practice settings.

265. Nurse Practitioner Role in Primary Prevention (2)

Prerequisites: NURS 210, 221. Corequisite: NURS 264. Theoretical base for primary prevention: health maintenance, health promotion, health screening, health teaching, and anticipatory guidance for nurse practitioners. Case management techniques utilizing protocols/algorithms.

266. Nurse Practitioner Role in Secondary Prevention (2)

Prerequisites: NURS 264, 265. Theoretical base of secondary prevention in primary care settings. Assessment and management of acute self-limiting conditions. Use and development of algorithms/protocols for secondary prevention. Intensive pharmacology for nurse practitioners.

267. Practicum in Secondary Prevention, Family Nurse Practitioner (4)

Prerequisites: NURS 264, 265; NURS 266 prior to or concurrently. Supervised clinical practice in a primary care setting with emphasis on secondary prevention for clients of all ages. Students work directly with preceptor and faculty member. Complete assessment and case management. (One hour clinical conference per week.)

269. Practicum in Secondary Prevention, Pediatric Nurse Practitioner (4)

Prerequisites: NURS 264, 265; NURS 266 prior to or concurrently. Supervised clinical practice in a pediatric primary care setting with emphasis on secondary prevention. Students work directly with a preceptor and faculty member. Complete assessment and case management. (One hour clinical conference per week.)

271. Practicum in Secondary Prevention, Geriatric Nurse Practitioner (4)

Prerequisites: NURS 264, 265; NURS 266 prior to or concurrently. Application of knowledge related to management of acute, self-limiting and stable chronic conditions/families.

277. Family Nurse Practitioner Role in Tertiary Prevention (2)

Prerequisites: NURS 266, 267. Theoretical base for tertiary prevention for families in primary care settings. Assessment and management of chronic conditions requiring reconstitution. Development of protocols/algorithms for tertiary prevention. Integration of knowledge related to primary, secondary, and tertiary prevention.

278. Practicum in Tertiary Prevention, Family Nurse Practitioner (4)

Prerequisites: NURS 266, 267; NURS 277 prior to or concurrently. Supervised clinical practice in a primary care setting with emphasis on care of clients of all ages requiring tertiary prevention. Students work directly with a nurse practitioner and/or physician preceptor in a primary care setting. (One hour clinical conference per week.)

279. Pediatric Nurse Practitioner Role in Tertiary Prevention (2)

Prerequisites: NURS 266, 269. Theoretical base for tertiary prevention for children in primary care settings. Assessment and management of chronic conditions requiring reconstitution. Development of protocols/algorithms for tertiary prevention. Integration of knowledge related to primary, secondary, and tertiary prevention.

280. Practicum in Tertiary Prevention, Pediatric Nurse Practitioner (4)

Prerequisites: NURS 266, 269; NURS 279 prior to or concurrently. Supervised clinical practice in a primary care setting with emphasis on care of children requiring tertiary prevention. Students work directly with a nurse practitioner and/or physician preceptor in a primary care setting. (One hour clinical conference per week.)

281. Geriatric Nurse Practitioner Role in Tertiary Prevention (2)

Prerequisites: NURS 266, 271. Theoretical base for tertiary prevention for older adults in primary care settings. Assessment and management of chronic conditions requiring reconstitution. Development of protocols/algorithms for tertiary prevention. In-

tegration of knowledge related to primary, secondary, and tertiary prevention.

282. Practicum in Tertiary Prevention, Geriatric Nurse Practitioner (4)

Prerequisites: NURS 266, 271; NURS 281 prior to or concurrently. Supervised clinical practice in assessment and management of acute, self-limiting, and stable chronic conditions of individuals and families.

288T. Seminar Topics in Advanced Clinical Nursing (1-3; max total 9)

Prerequisite: permission of instructor. Selected topics in specialized practice domains such as home health, cardiovascular, oncology, gerontology, and rehabilitation nursing. Analysis and integration of research-based knowledge into the nursing process characterizing the specific practice domain are emphasized.

290. Independent Study (1-3; max total 3)

See *Academic Placement — Independent Study*. Approved for *SP* grading.

298. Project (3)

See *Criteria for Thesis and Project*. A project is defined as a systematic development of a plan for, or critical evaluation of, a significant undertaking or a creative work in nursing such as modularized curriculum and clinical protocols. Abstract required. Approved for *SP* grading.

299. Thesis (3)

Prerequisite: NURS 223. See *Criteria for Thesis and Project*. Preparation, completion, and submission of an acceptable thesis, based on an approved proposal, for the master's degree. Approved for *SP* grading.

IN-SERVICE COURSE

(See *Course Numbering System*.)

Nursing (NURS)**302T. Selected Topics in Nursing (1-6; repeatable with different topics)**

Selected topics related to recent developments and advances in the knowledge and techniques of nursing. The purpose is to offer nurses, health personnel, and others the opportunity to study in-depth the selected topics related to specific clinical areas of nursing.