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## Degrees and Programs

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The faculty of the *Nursing and Health Sciences Department* is committed to providing a broad liberal and professional education to a diverse population of traditional and adult students in multiple settings. This task is undertaken in a climate of Christian service, dedicated to the development of the whole person, and designed to serve the health needs of individuals, families, and the community at large. The curriculum and activities of the nursing and health sciences programs are planned in harmony with the mission of the college and of the Seventh-day Adventist Church, which it represents. The department offers a variety of programs.

Persons considering a career in nursing or the health sciences are encouraged to include in their general education program courses in medical terminology, computer skills, and Spanish or the language of any Pacific Rim country.

Two emergency services degrees are offered: The Associate of Science and the Bachelor of Science in Emergency Management.

The A.S. in Emergency Services prepares students for the position of emergency medical technician (EMT) as well as other positions in related fields such as offices of emergency services and firefighting. Upon completion of the AS degree portion of the program, students are also academically prepared to enter paramedic school. Students continuing on to the B.S. degree, complete coursework designed to prepare them for a role in management or education within the emergency services field. Training includes vocational certifications in technical rescue, incident command, emergency vehicle operations, and emergency medical technician.

The A.S. in Health Sciences is a general studies degree with an emphasis on the life and social sciences. This degree is appropriate for students with an interest in one of the allied health professions. Advising and curriculum is offered for students who wish to select a pre-professional program in conjunction with the A.S. in Health Sciences.

Two nursing degrees are offered: the Associate of Science (A.S.) and the Bachelor of Science in Nursing (B.S.N.). The A.S. degree is available in a traditional format on the main campus in Angwin and in a non-traditional LVN to RN format at the Napa Campus. The B.S.N. degree is available as an RN to B.S.N. program in a non-traditional format on the main campus in Angwin.

Pacific Union College is a member of the National League for Nursing. Both the A.S. in Nursing and the B.S.N. programs are accredited by the Accreditation Commission for Education in Nursing.

Questions and comments may be directed in writing to:

Accreditation Commission for Education in Nursing (ACEN)  
3343 Peachtree Rd, N.E., Suite 850  
Atlanta, GA 30326

By telephone the ACEN can be reached at (800) 669-1656.

## Clinical Clearance Requirements

Students must meet the following requirements prior to registration for nursing and emergency services clinical courses:

1. Documentation showing current certification in cardiopulmonary resuscitation for healthcare professionals through AHA BLS Healthcare Provider.
2. Health documents (see Nursing and Health Sciences Department for details on acceptable documentation):
  - a. Report of a full physical examination within 12 months of admission that indicates acceptable health.
  - b. Evidence of immunity to measles (rubeola), mumps, rubella, and varicella, verified by titer or immunization.
  - c. Evidence of immunity to Hepatitis B, verified by titer or by documentation of immunization series in progress. Series should be started upon acceptance into the program if not previously initiated.
  - d. Evidence of a recent dose of Tdap.
  - e. Evidence of negative tuberculosis skin test following a two-step process, started upon acceptance into the program, or appropriate radiologic documentation.
3. A clear background check and drug screen are required of all students upon entry into the program and prior to participating in required clinical experiences. A valid social security number is needed for this purpose. Students are responsible for all costs associated with criminal background check and drug screening (paid for through student fees). Both the criminal background check and the drug screen must be completed satisfactorily as determined by the Nursing and Health Sciences Department. Results are reviewed by the Department Chair. Results of the drug screening will not be disclosed by the Nursing and Health Sciences Department to third parties except as may be necessary or appropriate to substantiate the Department's actions or processes or as otherwise required by law (e.g. subpoena or public safety). Drug screens must be clear. Background check results that are potentially unacceptable to clinical agencies will be evaluated with the student and the clinical agency on a case-by-case basis. If an agency does not accept a student on the basis of background check or drug screen results, the Nursing and Health Sciences Department has no responsibility for arranging alternate clinical placements and the student will not be allowed to continue in the program if clinical requirements of the courses cannot be met.

*Requirements may change without notice according to clinical facility requirements.*

## Major in Emergency Services, A.S.

*A minimum of 49.5 hours*

### ► Required Core Courses (27.5 hours):

EMER 104+105	Emergency Medical Technician I, II	5+6
EMER 155	Introduction to Emergency Management	3
EMER 180+181	Fundamentals of Technical Rescue I, II	3+2
EMER 225	Public Health for EMS	3
EMER 235	Emergency Vehicle Operation	2
EMER 255	Emergency Scene Management	3
EMER 273	Emergency Medical Practicum	2
EMER 291	Emergency Services Seminar	.5

### ► Required Cognate Courses (22 hours):

BIOL 223	Medical Terminology	2
PSYC 260	Death and Dying	4
SPAN 105	Spanish for Healthcare Professionals	4
<i>At least one of the following courses:</i>		2-4

ANTH 124	Cultural Anthropology (4)
PSYC 121	General Psychology (4)
PSYC 126	Assertive Behavior (2)
PSYC 234	Human Development (4)
SOCI 121	Introduction to Sociology (4)
SOCI 214	The Family (4)
SOCI 232	American Social Problems (4)
SOCI 355	"Racial" and Ethnic Relations (3)

*At least one of the following options:* 10-15

BIOL 101+102	Human Anatomy+Physiology (5+5)
BIOL 112+111+113	Biological Foundations II, I, III (5+5+5)

### Practical Experience

Students are encouraged to gain practical experience while in the Emergency Services program. Working as an EMT or emergency department technician provides experience as well as income. Volunteer opportunities are available through the local fire department which provides extra-curricular training as well as a way to serve the community. Many volunteer firefighters and EMTs from Angwin have used their training and experience to transition into paid positions.

### Clinical Clearance

The Emergency Services program involves clinical experiences. Prior to registration for clinical courses, students must meet the Nursing and Health Sciences Department "Clinical Clearance Requirements" as described above.

**Major in Emergency Management, B.S.**

*A minimum of 86 hours (at least 32 upper-division hours)*

► **Required Core Courses (48 hours):**

EMER 104+105	Emergency Medical Technician I, II	5+6
EMER 155	Introduction to Emergency Management	3
EMER 180	Fundamentals of Technical Rescue I	3
EMER 225	Public Health for EMS	3
EMER 255	Emergency Scene Management	3
EMER 273	Emergency Medical Practicum	2
EMER 355	Disaster Management	3
EMER 380	Search and Rescue	2
EMER 425	Crisis Management in Public Safety	4
EMER 462	Emergency Services Health Ed Practicum	1
EMER 480	Issues in Emergency Services	3
EMER 491	Emergency Services Capstone	2
NURS 460	Healthcare Education	4
NURS 485	Introduction to Research	4

► **Required Cognate Courses (38 hours):**

BIOL 223	Medical Terminology	2
MGMT 465	Organizational Behavior	3
PSYC 260	Death and Dying	4
SPAN 105	Spanish for Healthcare Professionals	4

*At least one of the following courses:*

COMM 328	Small Group Communication (3)	3
COMM 329	Organizational Communication (3)	3

*At least one of the following courses:*

MGMT 361	Management (4)	3-4
MGMT 370	Healthcare Management (3)	3

*At least three of the following courses:*

ANTH 124	Cultural Anthropology (4)	9-12
PSYC 121	General Psychology (4)	4
PSYC 126	Assertive Behavior (2)	2
PSYC 234	Human Development (4)	4
SOCI 121	Introduction to Sociology (4)	4
SOCI 214	The Family (4)	4
SOCI 232	American Social Problems (4)	4
SOCI 355	“Racial” and Ethnic Relations (3)	3

*At least one of the following options:*

BIOL 101+102	Human Anatomy+Physiology (5+5)	10-15
BIOL 112+111+113	Biological Foundations II, I, III (5+5+5)	15

**Recommended Electives**

EMER 181	Fundamentals of Technical Rescue II (2)	2
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**Pre-Professional Students**

The B.S. in Emergency Management can be combined with a pre-professional program (pre-medicine or other similar programs). Students interested in this option should select the BIOL 111+112+113 sequence and should plan to take additional science cognates such as the ones listed below. Pre-professional students are encouraged to work with the Emergency Management advisor; sample four-year curriculum plans are available at the Nursing and Health Sciences Department.

**Recommended Cognate Courses:**

*(For students in a pre-professional program)*

CHEM 111+112+113	General Chem I, II, III + Labs	5+5+5
CHEM 371+372+373	Organic Chem I, II, III + Labs	4+4+4
PHYS 111+112+113	General Physics I, II, III	4+4+4

**Pre-Allied Health Programs**

Advising and curriculum is offered for students who wish to select one of the following pre-professional programs for admission to Loma Linda University in conjunction with the A.S. in Health Sciences:

- Pre-Cardiac Electrophysiology Technology
- Pre-Clinical Laboratory Science
- Pre-Communication Sciences & Disorders
- Pre-Cytotechnology
- Pre-Dental Hygiene
- Pre-Diagnostic Medical Sonography
- Pre-Health Information Administration
- Pre-Medical Radiography
- Pre-Nuclear Medicine
- Pre-Nutrition & Dietetics
- Pre-Occupational Therapy
- Pre-Orthotics and Prosthetics
- Pre-Pathologists Assistant
- Pre-Physical Therapy
- Pre-Physical Therapy Assisting
- Pre-Physician Assistant
- Pre-Radiation Sciences
- Pre-Respiratory Care

The requirements for the preprofessional programs listed above overlap significantly with the requirements for the A.S. in Health Sciences, which is outlined in the next section. See program guidesheets for specific details about Loma Linda University’s prerequisite requirements for each program. With appropriate planning, students pursuing pre-professional programs will be able to select coursework to meet both the pre-professional requirements and the degree requirements. Students who wish to pursue admission to a pre-professional program at an institution

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other than Loma Linda University may be able to design a curriculum to meet their needs as well.

Admissions to these programs is competitive. Completion of the pre-professional requirements and/or the A.S. degree at Pacific Union College does not guarantee admission to any pre-professional program. Students are advised to consult with the Health Sciences advisor for additional information regarding the A.S. in Health Sciences and the pre-Allied Health programs.

### Major in Health Sciences, A.S.

A minimum of 61 hours in the major and cognates

#### ► Required Core Courses (38-39 hours):

HLTH 101	Intro to Allied Health Professions	2
HLTH 201	Issues in Allied Health Professions	2

*Science and Mathematics: At least 20 hours* 20

Include courses from at least 2 separate areas

#### Area 1: Biology

BIOL 100	Intro to Human Biology (4)
BIOL 101+102	Human Anatomy + Physiology (5+5)
BIOL 105	Intro to Biology (5)
BIOL 112+1+3	Biological Foundations II, I, III (5+5+5)
BIOL 223	Medical Terminology (2)
MICR 134	General Microbiology (5)

#### Area 2: Chemistry

CHEM 101+2+3	Intro to Chemistry sequence (4+4+4)
CHEM 111+2+3	General Chemistry I, II, III + Labs (5+5+5)
CHEM 371+2+3	Organic Chemistry I, II, III + Labs (4+4+4)

#### Area 3: Mathematics & Statistics

MATH 106	College Algebra (4)
MATH 130	Precalculus (5)
MATH 131	Calculus I (4)
STAT 222	Introduction to Statistics (4)

#### Area 4: Physics

PHYS 105	Introduction to Physics (5)
PHYS 111+2+3	General Physics I, II, III (4+4+4)

*Social Science: At least 12 hours* 12

Include courses from at least 2 separate prefixes

ANTH 124	Cultural Anthropology (4)
ECON 261	Macroeconomics (4)
ECON 265	Microeconomics (4)
GEOG 210	World Regional Geography (3)
PLSC 124	Intro to American Govt (4)
PSYC 121	General Psychology (4)
PSYC 126	Assertive Behavior (2) (or SOWK 126)
PSYC 234	Human Development (4)
SOCI 121	Introduction to Sociology (4)

SOCI 214	The Family (4)
SOCI 355	“Racial” & Ethnic Relations (3)

*Health: At least one course* 2-3

FDNT 235	Nutrition (3)
HLED 162	Fitness for Life (2)
HLED 166	Health Education (2)

#### ► Required Cognate Courses (23 hours):

ENGL 101+102	College English I, II	4+4
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*Ethics: At least one course* 3

RELB 315	Biblical Ethics (3)
RELT 216	Introduction to Christian Ethics (3)
RELT 355	Christian Ethics in Society (3)
RELT 440	Christian Bioethics (3)

*Humanities: At least 12 hours* 12

Include courses from at least 3 separate areas\*

\* Students who have completed courses from 3 separate areas but are short of the required 12 hours may elect to apply up to 3 hours of approved applied arts coursework to the humanities requirement.

#### Area 1: Art

ARTH 115 or 116	History of Western Art I or II (4)
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#### Area 2: History

HIST 101 or 102	History of World Civilizations I or II (4)
HIST 134 or 135	History of the United States I or II (4)

#### Area 3: Literature

ENGL 212	Shakespeare in Performance+Project (2+1)
ENGL 301	Themes in Literature (4)

#### Area 4: Languages and Cultures

Language and culture class: CHIN 111, FREN 111, GRMN 111, ITAL 111, JAPN 111, or SPAN 111 (4)  
SPAN 105 Spanish for Health Care Professionals (4)

#### Area 5: Music

MUHL 105	Survey of Music (3)
MUHL 245	World Music and Culture (3)

#### Area 6: Philosophy

PHIL 101	Introduction to Philosophy (4)
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### Major in Nursing, A.S.

The mission of the Associate of Science degree program in Nursing is to prepare students to provide competent nursing care for individuals of all ages by utilizing the nursing process, while functioning in the role of the associate degree nurse in the context of Christian faith and human service. This mission is fulfilled by providing quality nursing education guided by the Nursing Program's philosophy.

## ► Admission Requirements\*:

Admission requirements are those published in the General Catalog in effect during the year of the student's admission to the Nursing Program. The Nursing and Health Sciences Department reserves the right to admit or deny admission to individuals applying to the Nursing Program.

1. Admission is competitive and candidates are evaluated based on:
  - a) Complete prerequisite courses with a grade of C or better in each course:
    - i. A full year of Algebra II or Integrated Math III at the secondary level or completion of MATH 096.
    - ii. A full year of Chemistry or Physics at the secondary level or completion of CHEM 101 or PHYS 105.
    - iii. ENGL 101 College English I (4).
    - iv. BIOL 101 Human Anatomy (5) or BIOL 102 Human Physiology (5).
    - v. NURS 110 Introduction to Nursing (2). Course may be in process at time of consideration.
  - b) College GPA calculated on cognate and GE courses required for the A.S. nursing degree. Courses that may be completed in high school and religion courses are not computed into the GPA. The minimum GPA for nursing applicants is 3.0. Preference will be given to applicants who have both a GPA above 3.3 and have completed at least 12 units of nursing-required courses at Pacific Union College.
    - i. Each course must be passed with a C or better.
    - ii. Having repeated cognate or GE courses after receiving a final grade of less than C reduces an applicant's chance of admission.
  - c) ACT English test score of 19 or better.
  - d) TEAS (Test of Essential Academic Skills) total score that results in an Academic Preparedness Level of Proficient, Advanced or Exemplary.
  - e) Other factors (see A.S. Nursing Application Packet).
2. Applicants must submit an application for admission to the Nursing and Health Sciences Department accompanied by the application fee of \$30. The nursing application also serves as application to the college. Application and

readmission packets are available at the department office and website: [puc.edu/nursing](http://puc.edu/nursing).

The application process begins with submission of the application form; completion of prerequisite requirements and submission of each of the following completes the process:

- a) Personal essay.
- b) Official academic transcripts from high school and from each college previously attended.
- c) Two acceptable professional/academic references. *Recommendations written by relatives and those presented directly to the Nursing and Health Sciences Department by the applicants themselves are not acceptable.*
3. The Admissions Committee may request that the applicant participate in an admissions interview.
4. After the applicant has completed all admissions requirements, the application will be processed according to program application deadlines and the student notified in writing of the action taken. *See A.S. Nursing Application Packet.*
5. Upon notification of admission to the program, students must submit all required documents to meet the Nursing and Health Sciences Department "Clinical Clearance Requirements" as described on p. 148.

## ► Readmission Procedure for Nursing:

Students who withdraw from the program in good academic standing may apply for readmission as follows:

1. Submit a completed readmission application to the Nursing and Health Sciences Department. (Readmission packets are available at the department office.)
2. Demonstrate adequate nursing knowledge for readmission:
  - a) Students requesting readmission after an absence from enrollment in a clinical course of one to three academic terms will be required to validate their current nursing knowledge and skills at the level of the last nursing course completed. If a student has been absent from the program for more than three academic terms, knowledge and skills validation expands to address each nursing course previously completed. An example of the validation process is available by request to the Nursing and Health Sciences Department.
  - b) Knowledge validation results determine appropriate course-level placement.
  - c) A per-hour fee is charged for knowledge validation testing.
3. Meet all other "Requirements for Continuation in and Graduation from the Associate Degree Program in Nursing"

\* RN licensure may be denied for crimes, abusive behavior, or any illegal acts that are substantially related to the practice of nursing. Before applying to the Nursing Program, any applicant who has ever been convicted of a crime should ask for a copy of the Board of Registered Nursing Regulations Relating to Denial of Licensure, available at the department office or online at [www.rn.ca.gov](http://www.rn.ca.gov).

Students who fail a core nursing course may apply for readmission according to the “Readmission Procedure for Nursing”. Failure is defined as one of the following:

- a) Receiving a grade below a C (2.0).
- b) Withdrawing for failing performance.

The following additional requirements must be met for readmission:

1. Students must identify problem areas that resulted in their failure.
2. Students must submit a plan of academic readiness that addresses, in detail, how the student plans to be successful if readmitted to the nursing program. The plan must be signed by the student, the student’s advisor, and the course instructor.
3. Students are limited to one nursing course repeat in the program, including withdrawals for failing performance. A second nursing course failure results in the student being permanently dropped from the program.

The Admissions Committee may request that an applicant for readmission participate in an interview; applicants may also request an interview. After the applicant has met all readmission requirements, the application will be processed and the student notified in writing of the action taken. Readmission is on a space-available basis and is not guaranteed. Because of enrollment limitations in clinical sections, students may experience significant delays when seeking readmission to the program.

### ► *Transfer, Challenge, and Waiver Options:*\*

Applicants wishing to transfer, challenge, or waiver must meet the same admission or readmission requirements as generic students. Applicants may establish additional academic credit for acquired knowledge through challenge examinations or other methods of evaluation. Applicants meeting admission and degree requirements through transfer, challenge, or waiver have the same access as any other applicant for open space in clinical nursing courses.

Requests for admission by transfer from another nursing program are evaluated on an individual and space-available basis. Transfer courses must be equivalent to the courses in the Pacific Union College generic program. Eligible applicants must meet the same admission and continuation requirements as for the A.S. degree.

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\* *Specific information and materials about transfer, challenge, waiver, and the 30-semester/45-quarter unit option are available from the Nursing and Health Sciences Department,*

Applicants may have previous coursework, knowledge, and skills evaluated to validate their current level of knowledge.

Knowledge validation in nursing is available to evaluate:

1. Applicants transferring from another program for educating registered nurses.
2. Applicants transferring from programs educating licensed vocational nurses.
3. Applicants having developed skills during previous employment, that are similar to those expected of students in required nursing courses.

The options available for LVNs, or eligible applicants who have passed the designated LVN equivalency test and wish to meet requirements to take the California licensure examination for registered nurses, are as follows:

1. Advanced-Placement A.S. option (Angwin campus): Applicants are given credit for first-year nursing courses. Required nursing courses include NURS 221, 222, 254, 255, 256, 325, and 326. Applicants must meet the same admission and continuation requirements as for the A.S. degree with the following changes:
  - a) A minimum of one year of full-time direct patient care experience in a medical setting as a Med Tech and/or LVN within the last five years is required before entering the program.
  - b) NURS 210 must be completed in place of NURS 110.
2. LVN to RN A.S. option: This program is offered at the Napa Campus. Intensive, four-consecutive-day theory core weeks are conducted every 5-6 weeks throughout each 18-week term. Clinical hours are scheduled on Sundays to allow working LVNs to meet their employment commitments. Required nursing courses are the same as previously described under the Advanced-Placement A.S. option. Applicants must meet the same admission and continuation requirements as for the A.S. degree with the following changes:
  - a) A minimum of one year of full-time direct patient care experience in a medical setting as a USAF Medical Technician V or above, Navy Hospital Corpsman, Navy Special Operations Combat Medic, and/or LVN within the previous five years is required before entering the program.
  - b) USAF Medical Technician V or above, Navy Hospital Corpsman, Navy Special Operations Combat Medics who do not have an LVN license must pass an LVN equivalency exam.

- c) Applicants must have completed a minimum of 16 college quarter units (10.6 semester units), including BIOL 101, 102, CHEM 101, and MICR 134.
  - d) NURS 210 must be completed in place of NURS 110.
3. 30-semester/45-quarter unit option: This option does not earn a degree in nursing from Pacific Union College. Required courses are MICR 134, BIOL 102, NURS 221, 222, 254, and 325 only. Applicants desiring this option are not subject to any evaluative processes for admission. An RN license obtained through this nondegree option is not recognized in all states and those electing this option may encounter difficulty articulating into B.S. nursing programs. Applicants are advised to carefully research the limitations of this option.

► **Transportation Policies:**

Students are expected to provide their own transportation to, during, and from off-campus clinical labs. Faculty will not provide transportation. Students are advised not to transport clients in their own vehicles under any circumstances. This policy protects both the client and the student. State law requires proof of automobile liability insurance.

► **Course Evaluations:**

Each clinical nursing course is composed of both theory and clinical hours as reflected in the course description. Passing a clinical course and progressing to the next nursing course requires passing grades in both the theory and clinical components. If the clinical portion of a course is failed, a grade of F is recorded for the entire course and, if eligible and readmitted, the student repeats the entire course. See the Clinical Evaluation Policy in the A.S. Nursing Student Handbook.

► **Requirements for Continuation in and Graduation from the Associate Degree Program in Nursing:**

1. Compliance with all policies and procedures in the A.S. Nursing Student Handbook.
2. Current malpractice insurance, provided by the College.
3. Acceptable physical and mental health, and demonstration of continuous compliance with all Nursing and Health Sciences Department “Clinical Clearance Requirements” as described on p. 148. To ensure client safety, students absent from course activities for health-related reasons may be asked to provide evidence of readiness to return to class or clinical prior to resumption of course activities.
4. A minimum grade of C (2.0) in the required nursing, cognate, and general education courses.

5. Successful completion of all required nursing courses. Students are limited to one nursing course repeat in the program, including withdrawals for failing performance. A second nursing course failure results in the student being permanently dropped from the program.
6. Completion of all general education and cognate requirements before entering the second year of the A.S. curriculum. Exceptions must be petitioned to the Nursing Admissions Committee. This requirement does not apply to the LVN to RN program.
7. Completion of all standardized tests administered as part of nursing curriculum.
8. Satisfactory completion of the requirements for the A.S. Degree in Nursing as specified in the current *General Catalog*.

**Major in Nursing, A.S.**

*A minimum of 99 hours included in the major and cognates.*

► **Required Core Courses (70 hours):**

NURS 121	Nursing I	6
NURS 124	Nursing II	6
NURS 125	Nursing III	6
NURS 212	Pharmacology	3
NURS 221	Nursing IV	6
NURS 222	Nursing V	6
NURS 235	Health Assessment	4
NURS 254	Mental Health Nursing	6
NURS 255	Pediatric Nursing	5
NURS 256	Maternal-Newborn Nursing	6
NURS 325	Nursing VI	9
NURS 326	Management and Professional Practice	3
NURS 390	Pathophysiology	4

► **Required Cognate Courses (29-30 hours):**

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
FDNT 235	Nutrition	3
MICR 134	General Microbiology	5
PSYC 121	General Psychology	4
PSYC 234	Human Development	4

*At least one of the following courses:* 3-4

ANTH 124	Cultural Anthropology (4)
NURS 376	Nursing Issues: Transcultural Care (3)
SOCI 121	Introduction to Sociology (4)
SOCI 214	The Family (4)
SOCI 232	American Social Problems (4)
SOCI 355	“Racial” and Ethnic Relations (3)

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## ► General Education Requirements (17-30 hours):

### Section I: Foundations of Learning

ENGL 101	College English I	4
COMM 105	Communication and Public Speaking	4

At least one of the following options: 0-8

A full year of Algebra II or Integrated Math III with semester grades of C or better from an accredited secondary institution

Approved algebra waiver exam

MATH 095+096 Basic Algebra I+II (4+4)

At least one of the following options: 0-5

A full year of Chemistry or Physics with semester grades of C or better from an accredited secondary institution

CHEM 101 Introductory Chemistry (4)

PHYS 105 Introduction to Physics (5)

### Section II: Foundations of Faith

Take at least 9 hours of religion coursework 9

Complete the religion requirement for the Associate Degree as listed on pp. 42-43 of this catalog. The requirement includes 9 hours of coursework as follows:

#### A. Prerequisite:

Two years of Christian religion courses in high school, or Successful completion of a waiver exam, or

RELG 105 Biblical Foundations (3)

#### B. Holistic Living:

RELG 125 Holistic Living (3)

#### C. Understanding Christian Faith and Foundations:

Take an elective course, if needed.

#### D. Exploring Seventh-day Adventist Life and Thought:

One approved religion course that explores and critically analyzes Seventh-day Adventist beliefs and values.

Approved courses are designated with “D” in the schedule.

*Transfer students will have the requirement reduced according to the proration chart listed on p. 43 of this catalog.*

## Bachelor of Science in Nursing, B.S.N. (Second-Step Program in Nursing)

The mission of the Bachelor of Science in Nursing Program is to prepare registered nurses for professional practice within a broad liberal education in a context of Christian faith and human service. This mission is fulfilled by providing quality nursing education guided by the Nursing Program’s philosophy.

This upper-division program for registered nurses leading to the Bachelor of Science in Nursing degree is designed to articulate

with a two-year associate degree program. A registered nurse graduate of an Associate Degree program often will have completed most of the nursing prerequisites for the program. Prior nursing credit of associate degree or diploma program graduates will be evaluated and appropriate credit given.

A student enrolled in full-time study may sequence general education and nursing courses to complete degree requirements in three to six quarters. A flexible class schedule helps to accommodate the needs of those with limited access to nursing programs or who are unable to coordinate with traditional baccalaureate programs.

## ► Admission Requirements:

Admission requirements are those published in the General Catalog in effect during the year of the student’s admission to the Nursing Program. The Nursing and Health Sciences Department reserves the right to admit or deny admission to individuals applying for admission to the Nursing Program.

1. In addition to the requirements for admission to the college, the following criteria must be met:
  - a) Completion of an associate degree, or equivalent, in nursing.
  - b) Completion of the required cognates for the A.S. degree in Nursing.
  - c) Applicants must be able to demonstrate a feasible plan for completion of general education courses at a time consistent with completion of courses in the major. Students accepted for full-time enrollment will lack no more than 12 hours of GE.
  - d) Current unencumbered California RN license is expected for admission. With the permission of the department, a student may be granted admission to the program by demonstrating eligibility for RN licensure. However, possession of a current California RN license and RN-level malpractice insurance is required in order to register for any practicum course and its corequisite courses if applicable. Disciplinary measures or restrictions on practice may preclude enrollment in course practicums, and thus the program. The practicum courses are NURS 432, NURS 462, and NURS 389 (under the practicum subtitle).
2. Applicants must submit an application for admission to the Nursing Program. Application packets are available at the department office and website: [puc.edu/nursing](http://puc.edu/nursing).
3. The Admissions Committee may request that the applicant participate in an admissions interview; applicants may also request an admissions interview.



After the applicant has completed all admissions requirements, the application will be processed according to program application deadlines and the student notified in writing of the action taken. *See B.S.N. Nursing Application Packet for details.*

► **National Specialty Certifications**

Students transferring into the Bachelor of Science in Nursing Program with previously earned national specialty certifications should apply to the Department Chair for credit at the time of admission to the program. National specialty certifications include those requiring a documented number of years/hours of work in the specialty and a standardized exam; see the Nursing and Health Sciences Department for a list of recognized certifications.

Credit is granted subject to the approval of the Department Chair in conjunction with the Records Office. Students with recognized certifications typically receive credit for NURS 389 Special Topics: Nursing Role Specialization Practicum (maximum of 5 quarter credits). In rare cases, a certification program may provide education that closely matches content provided in another upper-division nursing course at Pacific Union College. These situations will be considered for credit and course equivalencies on a case-by-case basis.

In order to receive credit, students must provide the Nursing and Health Sciences Department with documentation providing evidence of the approved national certification. Grades issued in recognition of national specialty certification are recorded as “S” (Satisfactory).

► **Transportation Policies:**

See transportation policies listed under the A.S. program.

► **Clinical Placement:**

Clinical placement is evaluated and approved by the nursing faculty.

► **Air Force ROTC**

Air Force Reserve Officer Training Corps (Air Force ROTC) is available to Pacific Union College students through California State University, Sacramento. ROTC coursework is completed on the CSU Sacramento campus. Upon completion of ROTC requirements and coursework necessary for the degree objective (e.g., B.S.N. in Nursing), cadets are commissioned as an officer in the US Air Force. Because of the firm scheduling requirements of the ROTC program, students should work closely with their academic advisor and the AF ROTC unit in planning their academic program. Air Force ROTC scholarships are available to qualified students. Contact the unit admissions officer in the Aerospace Studies Department at CSU Sacramento, telephone 916-278-7783, for information on the program.

► **Academic Requirements for Continuation in and Graduation from the Second-Step Program in Nursing:**

1. The B.S.N. cognate and general education requirements are outlined below. The general requirements for a baccalaureate degree are outlined in the section entitled “The Baccalaureate Degree Program” in this catalog.
2. Students who receive a grade lower than a C- in a nursing course must repeat the course.

**Bachelor of Science in Nursing, B.S.N.**

*A minimum of 76 hours (39 upper-division hours) included in the major and cognates. All courses are to be selected in consultation with the nursing faculty advisor. Each practicum must be taken concurrently with the appropriate theory course.*

► **Required Core Courses (44-49 hours):**

NURS 390	Pathophysiology	4
NURS 431	Community Health Nursing	4
NURS 432	Community Health Nursing Practicum	3
NURS 460	Health Care Education	4
NURS 461	Health Care Management	4
NURS 462	Health Care Mgmt/Educ Practicum	3
NURS 485	Introduction to Research	4
NURS 490	B.S.N. Capstone I	1
NURS 491	B.S.N. Capstone II	1

*At least one of the following courses:*

NURS 235	Health Assessment (4)	
NURS 335	Advanced Health Assessment (4)	

*At least one of the following courses:*

NURS “Special Topics” courses	3-5
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*At least three of the following courses:*

NURS “Nursing Issues” courses	9-12
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► **Required Cognate Courses (33-34 hours):**

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
CHEM 101	Introductory Chemistry*	4
FDNT 235	Nutrition	3
MICR 134	General Microbiology	5
PSYC 121	General Psychology	4
PSYC 234	Human Development	4

\* Students who have already completed a non-credit CHEM 101 equivalency may substitute CHEM 102 (or any other higher level CHEM course) for this requirement.

At least one of the following courses: 3-4

ANTH 124	Cultural Anthropology (4)
NURS 376	Nursing Issues: Transcultural Care (3)
SOCI 232	American Social Problems (4)
SOCI 355	“Racial” and Ethnic Relations (3)

► **General Education Requirements for the B.S.N.:**

**Section I. Foundations of Learning**

*A. Written Communication*

ENGL 101+102 College English I, II (4+4)

*B. Oral Communication*

COMM 105 Communication and Public Speaking (4)

*C. Algebra Proficiency*

A full year of either Algebra II or Integrated Math III with semester grades of C- or better at an accredited secondary institution, or

Successful completion of an approved waiver exam, or  
MATH 095+096 Basic Algebra I+II (remedial courses)

*D. Statistics*

STAT 222 Introduction to Statistics (4)

**Section II. Foundations of Faith**

At least 18 hours of religion (6 UD): 18

Complete the religion requirement for the B.S. Degree as listed on pp. 38-39 of this catalog. The requirement includes 18 hours (6 UD hours) of coursework as follows\*:

*A. Prerequisite:*

Two years of Christian religion courses in high school, or  
Successful completion of a waiver exam, or  
RELG 105 Biblical Foundations (3)

*B. Holistic Living:*

RELG 125 Holistic Living (3)

*C. Studying Scripture:*

One approved course (designated with “C” in the schedule).

*Specialized Option for B.S.N. (recommended)*

RELB 341 Jesus as Healer (3)

*D. Exploring Seventh-day Adventist Life and Thought:*

One approved course (designated with “D” in the schedule).

*E. Integrating Faith and Life:*

One approved course (designated with “E” in the schedule).

*Specialized Options for B.S.N. (recommended)*

RELP 346 Spiritual Care for Patients (3)

RELT 345 Christian Ethics and Patient Care (3)

*F. Electives*

Take additional electives if needed.

**Section III. History & Social Science**

One history (HIST) or political science (PLSC) course: 3-4

**Section IV. Arts & Humanities**

Two courses from the following: 6-8

Courses must come from at least 2 different areas.

*A. Literature*

ENGL 210 Bay Area Theater (3)

ENGL 211 Survey of Drama (4)

ENGL 212 Shakespeare in Performance+Project (2+1)

ENGL 301 Themes in Literature (4)

*B. Visual Arts*

ARTH 107 History of American Art (4)

ARTH 115 History of Western Art I (4)

ARTH 116 History of Western Art II (4)

ARTH 278 History of Women Artists (4)

*C. Music*

MUHL 105 Survey of Music (3)

MUHL 115 Survey of Music for Visual Media (3)

MUHL 205 Listening with Understanding (3)

MUHL 206 Music in Christian Worship (3)

MUHL 245 World Music and Culture (3)

*D. Language & Culture*

CHIN 111 Beg Chinese I- Language & Culture (4)

FREN 111 Beg French I- Language & Culture (4)

GRMN 111 Beg German I- Language & Culture (4)

ITAL 111 Beg Italian I- Language & Culture (4)

JAPN 111 Beg Japanese I- Language & Culture (4)

SPAN 105 Spanish for Health Care Professionals (4)

SPAN 111 Beg Spanish I- Language & Culture (4)

*E. Philosophy or Interdisciplinary Humanities*

Any course with a PHIL prefix

Any interdisciplinary transfer Humanities course

► **Electives for the B.S.N.:**

Additional coursework as necessary to complete 192 hours total and 60 upper-division hours total to meet the baccalaureate degree requirements. Students may take additional Nursing Issues and Special Topics courses if upper-division hours are needed.

\* Religion areas A, B, and D are required for the associate degree and are waived for students who have earned an A.S. degree in nursing. Transfer students will have the requirement reduced according to the proration chart listed on p. 39 of this catalog.

## Emergency Services

### LOWER-DIVISION COURSES:

#### **EMER 104+105 5+6 F+W** **Emergency Medical Technician I, II**

Emergency medical training necessary to provide pre-hospital basic life support to the sick and injured. Meets, in part, the requirements for California EMT certification. Must be 18 years old by course completion to be eligible for certification. Must be taken during the same year. Includes four lectures and one laboratory per week. EMER 105 also includes arranged pre-hospital clinical hours. Prerequisite: CPR for the Healthcare Provider. EMER 104 or equivalent is a prerequisite for EMER 105.

#### **EMER 155 3 F** **Introduction to Emergency Management**

An introduction to the nationally adopted incident command system, provides the foundation for higher level ICS training. Includes the history, features and principles, and organizational structure of the Incident Command System as well as the relationship between ICS and the National Incident Management System (NIMS).

#### **EMER 180 3 S** **Fundamentals of Technical Rescue I**

An introduction to theory and skills used in technical rescue operations. Focus on the utilization of specialized rescue equipment and the four phases of rescue. Specific topics include PPE, types of rescues, rope construction, life safety knots, self-rescue techniques, patient packaging, anchors and anchor systems, belays, raise and lower systems, mechanical advantage, and pick-offs. Upon successful completion and evaluation, students will receive Rescue 3

International Technical Rope Rescue-Technician (TRR-T) certification. Two lectures and one laboratory per week.

#### **EMER 181 2 S** **Fundamentals of Technical Rescue II**

Swiftwater Rescue Technician (SRT) Unit 1 (fundamental rescue skills for swiftwater) and SRT-Advanced (advanced swiftwater techniques and rope rescue techniques in a swiftwater environment). Also includes a night search and rescue operation in a river environment. Lecture provided during the spring quarter, laboratory conducted in the field during the summer. May be repeated for credit. Prerequisite or corequisite: EMER 180. Eligible for IP grading.

#### **EMER 225 3 W** **Public Health for EMS**

An overview of the American health system and public health education. Emphasis on the role of the pre-hospital medical provider in public health issues. Topics include disease prevention and treatment and the special concerns associated with the health of children and senior citizens; includes child and elder abuse. Prerequisite: EMER 105 or equivalent.

#### **EMER 235 2 F** **Emergency Vehicle Operations**

The safe operation of emergency vehicles during all phases of use, including but not limited to emergency response. One lecture and one laboratory per week. Prerequisite: EMER 105 or equivalent and permission of the instructor.

#### **EMER 255 3 S** **Emergency Scene Management**

Application of the nationally adopted incident command system to emergency scenes. Emphasizes proper use of re-

sources, interfacing with allied agencies, and decision-making under stress. Prerequisite: EMER 105, 155.

#### **EMER 273 2 F, W, S** **Emergency Medical Practicum**

Application of skills from EMER 105 in a pre-hospital and a hospital setting. Prerequisite: Current EMT certification by the LEMSA or NREMT. Qualifies for IP grading.

#### **EMER 291 .5 S** **Emergency Services Seminar**

Single topics of current interest in the emergency medical field presented by guest lecturers. Required only for students enrolled in the A.S. program.

### UPPER-DIVISION COURSES:

#### **EMER 355 3 W** **Disaster Management**

Application of the incident command system (ICS) to large-scale disasters, whether man-made or natural. Encompasses all phases from preparation through response to after-action review. Emphasis placed on pre-planning for high-risk entities and vulnerable populations. Prerequisite: EMER 255.

#### **EMER 380 2 F** **Introduction to Search and Rescue**

Introduction to Search and Rescue of the lost or missing person, including tactics and survival. The course is aligned and supported by the National Association for Search and Rescue (NASAR). The laboratory portion of the class is conducted on college property and will require students to be out of doors for 3-4 hours at a time regardless of the weather or time of day. Students must hike over uneven ground, carrying heavy packs/equipment.

## **EMER 425** **4 F**

### **Crisis Management in Public Safety**

Examination of each phase of critical incident response with an emphasis on stress prevention, intervention, and management strategies.

## **EMER 462** **1 W**

### **Emergency Services Health Education Practicum**

The application of health care education within the context of the Emergency Services Provider. Students achieve learning outcomes by integrating knowledge, skills, and attitudes in various health care education settings. One clinical unit (30 clock hours). Corequisite: NURS 460.

## **EMER 480** **3 S**

### **Issues in Emergency Services**

Exploration of current issues facing the emergency responder with implications affecting current care and practice. Special emphasis on developing an expanded awareness of opportunities to participate as a change agent, demonstrating and advocating for best practices related to various emergency services concepts. Prerequisite: EMER 225.

## **EMER 491** **2 S**

### **Emergency Management Capstone**

Culminating educational experience for emergency management students. Students will produce and present a final project. Should be taken during the student's final term prior to graduation.

## **Food and Nutrition**

LOWER-DIVISION COURSE:

### **FDNT 235** **3 F, W, S** **Nutrition**

Principles of nutrition, emphasizing nutritional requirements, dietary sources of nutrients, nutrient utilization, effects of nutrition on energy intake and weight control, fitness, disease prevention, and life cycle.

## **Health Sciences**

LOWER-DIVISION COURSES:

### **HLTH 100** **1 F, W, S** **Success Strategies in Health Sciences**

Development of the skills needed for academic success in health sciences coursework. Strategies to more efficiently gather, absorb, and retain the large quantity of information required in a variety of courses, including complex science courses. Designed for students in pre-nursing, pre-allied health, pre-dentistry, and pre-medicine programs of study.

### **HLTH 101** **2 F, W** **Introduction to Allied Health Professions**

Exploration of the spectrum of careers that support health care delivery in the United States. Includes an introduction to health care delivery systems, communication in the health care environment, chart documentation, evidence-based health care, professional ethics, and medical terminology. Designed for students who are planning for a career in health-related areas, particularly the allied health professions.

## **HLTH 164** **2 S**

### **Introduction to Speech Pathology Professions**

Introduction to speech and language disorders, their etiology and treatment. For students pursuing the preprofessional program in communication sciences and disorders and for those entering professions in education, behavioral science, social welfare, and related fields who many encounter persons with speech disorders.

## **HLTH 201** **2 W, S**

### **Issues in Allied Health Professions**

Capstone course that allows the student to reflect and report on current issues in the allied health professions with a focus on their selected allied health career. Includes a project in which the student will demonstrate their knowledge of medical vocabulary, scientific method, clinical ethics, and health care systems. Designed for students in the final year of the A.S. degree in Health Science.

## **Nursing**

SERVICE COURSE:

*(Not applicable to a major or minor in this department)*

## **NURS 110** **2 F, W, S**

### **Introduction to Nursing**

An overview of the profession of nursing, introducing participants to the philosophy and conceptual framework of the Nursing Programs at Pacific Union College. Addresses the nature of nursing, historical and contemporary influences on nursing, guidelines for nursing practice, health practices and beliefs, and the scope of nursing within the healthcare system. Aims to provide participants with sufficient understanding of the nature and scope of nursing in order to

better evaluate its fit with their goals and aptitudes. Required for applicants to the Associate of Science Degree in Nursing.

**NURS 210** **2 Arr**  
**LVN to RN Bridge**

Introduction to the mission and philosophy of the PUC Nursing Programs, orientation to the LVN to RN program, and knowledge and skills competency validation. Takes the place of NURS 110 for Advanced Placement LVN to RN students. Prerequisites: Advanced Placement admission to the nursing program. Current California LVN license or equivalent.

**LOWER-DIVISION COURSES:**

*(Note: In addition to the content described in each nursing course, the concepts of aging, communication, pharmacology, and therapeutic nutrition are integrated throughout the curriculum.)*

**NURS 121** **6 F, W, S**  
**Nursing I**

Introduces students to basic concepts related to the individual (comfort, elimination, infection, culture and diversity, spirituality) and the profession (clinical decision making, safety, teaching and learning, informatics, legal). Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: Admission to the AS Nursing Program, BIOL 101 or 102, CHEM 101 or PHYS 105, ENGL 101, MATH 096, NURS 110.

Corequisite: NURS 235.

**NURS 124** **6 F, W, S**  
**Nursing II**

Reinforces and expands on concepts previously learned and introduces students to concepts related to the individual (homeostasis, metabolism, mobility, tissue integrity, aging, end-of-life care). Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 121, 235, BIOL 101, 102.

Corequisite: NURS 212.

**NURS 125** **6 F, W, S**  
**Nursing III**

Reinforces and expands on concepts previously learned and introduces students to concepts related to the individual (oxygenation, cellular regulation I, perfusion I). Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 124, 212.

Corequisite: NURS 390.

**NURS 212** **3 F, W, S**  
**Pharmacology**

Introduces students to major classifications of pharmacotherapeutic agents administered to individuals receiving nursing care. An overview of the pharmacokinetics, indications, contra-indications, and drug interactions of commonly used medications provides a basis for safe and effective nursing care. Select concepts related to the individual and profession are addressed as they relate to pharmacology and the nursing role. Students achieve student learning outcomes by integrating new and prior knowledge in the classroom setting.

Three theory units (30 clock hours).

Prerequisites: NURS 121, 235.

Corequisite: NURS 124.

**NURS 221** **6 F, W, S**  
**Nursing IV**

Reinforces and expands on concepts previously learned and introduces students to concepts related to the individual (immunity, inflammation, perfusion II). Students focus on managing care for patients with increasingly complex alterations in health and more fully integrating professional and interpersonal/healthcare concepts into nursing practice. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 125, 390.

Corequisite: NURS 254.

**NURS 222** **6 F, W, S**  
**Nursing V**

Reinforces and expands on concepts previously learned and introduces students to concepts related to the individual (cellular regulation II, sensory/neuro, critical care). Students focus on managing care for patients with complex alterations in health and fully integrating professional and interpersonal/healthcare concepts into nursing practice. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 221, 254.

Corequisite: NURS 256.

# Nursing and Health Sciences

## **NURS 235** **4 F, W, S** **Health Assessment**

Introduces students to the nursing profession concept of assessment, including taking a full health history, collecting assessment data, and distinguishing normal from abnormal findings. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom and laboratory settings.

Three theory units (30 clock hours) and one clinical unit (30 clock hours).

Prerequisite: Admission to the AS Nursing Program.

Corequisite: NURS 121.

## **NURS 254** **6 F, W, S** **Mental Health Nursing**

Reinforces and applies concepts previously learned to the mental health setting and introduces students to concepts related to the individual (addiction behaviors, cognition, development, self, grief and loss, mood and affect, stress and coping, violence) and to professional concepts unique to the setting of mental health nursing. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 125, 390.

Corequisite: NURS 221.

## **NURS 255** **5 S** **Pediatric Nursing**

Reinforces and applies concepts previously learned to the pediatric setting and introduces students to individual concepts (development, child health and wellness, family) and professional concepts unique to the setting of pediatric nursing. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings. Qualifies for IP grading.

Three theory units (30 clock hours) and two clinical units (60 clock hours).

Prerequisites: Those listed for the appropriate corequisite course.

Corequisite: NURS 125, 221, or 222.

## **NURS 256** **6 F, W, S** **Maternal-Newborn Nursing**

Reinforces and applies concepts previously learned to the perinatal setting and introduces students to concepts related to the individual (reproduction, neonatal transitions, sexuality) and to professional concepts unique to the setting of perinatal nursing. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom, laboratory, and clinical settings.

Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 221, 254.

Corequisite: NURS 222.

## **NURS 271** **1-2 F, W, S; 1-6 Su** **Field Experience**

A work-study course offered through the department in cooperation with selected clinical agencies. Students apply previously learned theory and clinical skills in assigned patient-care settings under direct supervision of selected RN preceptors. One quarter unit of academic credit requires 75 clinical hours. Repeatable to a maximum of 8 credits. Not offered every year.

Prerequisite: NURS 125 and permission of course faculty.

### UPPER-DIVISION COURSES:

## **NURS 325** **9 F, W, S** **Nursing VI**

Reinforces and expands on concepts previously learned. Students focus on managing care for multiple patients and fully integrating professional concepts into nursing practice. Students achieve student learning outcomes by integrating

knowledge, skills, and attitudes in classroom and clinical settings.

Three theory units (30 clock hours) and six clinical units (180 clock hours).

Prerequisites: All 100 and 200 level nursing courses.

Corequisite: NURS 326.

## **NURS 326** **3 F, W, S** **Management and Professional Practice**

Reinforces and expands on concepts previously learned with emphasis on professional concepts essential to patient care management (advocacy, clinical decision making, collaboration, delegation, ethics, management and leadership, legal issues). Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom settings.

Three theory units (30 clock hours).

Prerequisites: All 100 and 200 level nursing courses.

Corequisite: NURS 325.

## **NURS 335** **4 F** **Advanced Health Assessment**

Reinforces and builds upon the concept of assessment focusing on further application and integration of skills of taking a full health history, collecting assessment data, and distinguishing normal from abnormal findings. Advanced assessment techniques are introduced and skills developed. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in classroom and laboratory settings.

Three theory units (30 clock hours) and one clinical unit (30 clock hours).

Prerequisite: BSN program admission.

## **NURS 375** **4 W** **Nursing Issues: End of Life Care**

Reinforces individual concepts related to grief and loss, with a focus on grief response theories, and addresses com-

mon issues related to terminal illness and death. Emphasis is on the professional concepts of advocacy, caring interventions, collaboration, and communication as relevant to end of life care. Select health care system concepts are applied as pertinent to the issues discussed. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Four theory units (40 clock hours).  
Prerequisites: NURS 124, 212

**NURS 376** **3 W**  
**Nursing Issues: Transcultural Care**

Explores individual concepts related to culture and diversity and family. Emphasis is on the professional concepts of advocacy, caring interventions, collaboration, and communication as relevant to providing nursing care in an increasingly diverse world. Select health care system concepts are applied as pertinent to the issues discussed. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Three theory units (30 clock hours).  
Prerequisites: NURS 124, 212.

**NURS 384** **3 W**  
**Special Topics:**  
**Health Care Delivery Systems**

Explores professional concepts related to health care systems and health policy and the relationships among these systems and policies and the nation's health. Emphasis is on the professional concepts of accountability and advocacy within the health care system as relevant to select national health care issues. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Three theory units (30 clock hours).  
Prerequisite: BSN program admission.

**NURS 389** **3-5 Arranged**  
**Special Topics: Various**

Exploration of special topics with implications for nurses in various professional roles. Repeatable for credit under different subtitles, such as Informatics, Complementary and Alternative Medicine, and Nursing Role Specialization Practicum (not offered every year). Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Three or four theory units (30-40 clock hours) for each subtitle, with the following exception: Specialization Practicum includes individualized practical experience in various settings for three to five clinical units (80 clock hours/unit).

Prerequisite: NURS 124, 212 or permission of instructor. Current CA RN license required for practicum.

**NURS 390** **4 F, W, S**  
**Pathophysiology**

Expands on concepts learned in the biophysical and psychosocial sciences and focuses on concepts related to the individual that are prevalent in the major conditions identified by the CDC and IOM as leading causes of morbidity and mortality (comfort, infection, homeostasis, metabolism, oxygenation, perfusion, immunity, inflammation, sensory/neuro). Concepts related to the profession (assessment, caring interventions, evidence based practice) are emphasized in relation to the nurses' role in helping individuals move toward optimum health. Students achieve student learning outcomes by integrating new and prior knowledge in the classroom setting.

Four theory units (40 clock hours).  
Prerequisites: NURS 124, 212.

**NURS 419** **4 F, S**  
**Nursing Issues: Professional**

Exploration of current nursing issues focusing on professional concepts relevant to the evolving role of nurses in a dynamic health care environment. Special emphasis on developing an expanded awareness of opportunities to participate as a change agent, demonstrating and advocating for best practices related to select health care system concepts (health policy, legal issues, quality improvement). Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Four theory units. (40 clock hours).  
Prerequisite: BSN program admission.

**NURS 420** **4 F**  
**Nursing Issues: Social**

Exploration of current nursing issues that involve individual concepts (e.g., culture and diversity, family). Special emphasis on developing a better understanding of the sociocultural issues affecting the health of individuals, families, and communities, and the role of the nurse in facilitating wellness and supporting autonomy within various health care settings. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Four theory units (40 clock hours).  
Prerequisite: BSN program admission.

**NURS 421** **3-4 Arranged**  
**Nursing Issues: Various**

Exploration of current nursing issues with implications for the nursing profession. Repeatable for credit under different subtitles, such as Global. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in real and/or virtual classroom settings.

Four theory units (40 clock hours).  
Prerequisite: BSN program admission.

# Nursing and Health Sciences

## **NURS 431** **4 F** **Community Health Nursing**

Expands on professional nursing concepts applied to the community health care setting. Emphasis on promoting and maintaining health and preventing illness among individuals, families, and communities with a particular focus on issues identified by the CDC, IOM, and other organizations as health care priorities because of their potential to affect the Nation's health. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in the classroom setting.

Four theory units (40 clock hours).

Prerequisite: BSN program admission.

Corequisite: NURS 432.

## **NURS 432** **3 F** **Community Health Nursing Practicum**

Provides for the application of community health nursing concepts. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in community health care settings. Qualifies for IP grading.

Three clinical units (90 clock hours).

Prerequisites: BSN program admission; current CA RN license.

Corequisite: NURS 431.

## **NURS 460** **4 W, S** **Health Care Education**

Expands on the professional concepts of teaching and learning and evidence-based practice as a major strategy for health promotion and education. An overview of learning theories and educational strategies provides the basis for developing the role of the health professional as educator. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in the classroom setting.

Four theory units (40 clock hours).

Prerequisite: Admission to the BSN or BS Emergency Management program.

## **NURS 461** **4 W, S** **Health Care Management**

Expands on professional concepts relevant to the role of nurse as manager. Includes an overview of theories of leadership and management and an emphasis on strategies to implement initiatives that improve safety and quality in various healthcare settings. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in the classroom setting.

Four theory units (40 clock hours).

Prerequisite: BSN program admission.

## **NURS 462** **3 W, S** **Health Care Management and Education Practicum**

Provides for the application of health care education and management concepts. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in various health care settings. Qualifies for IP grading.

Three clinical units (90 clock hours).

Prerequisite: Current CA RN license.

Corequisite: NURS 460 or 461.

## **NURS 485** **4 W, S** **Introduction to Research**

Introduces the concepts and process of research and its implications for the health professions. Reinforces and applies the professional concept of evidence-based practice. Emphasis on becoming a consumer of research by developing basic skills for interpreting and using research to inform practice. Students achieve student learning outcomes by integrating knowledge, skills, and attitudes in the classroom setting.

Four theory units (40 clock hours).

Prerequisite: Admission to the BSN or BS Emergency Management program.

Recommended prerequisite: STAT 222.

## **NURS 490** **1 F, W, S** **BSN Capstone I**

Emphasizes reflection, integration, and synthesis from other BSN courses. Primarily a self-directed course. Allows the student to demonstrate mastery of program objectives and serves as an assessment of student learning. To be taken during the first quarter of enrollment in the BSN program. Students who take longer than six quarters (or two years) to complete the BSN are required to repeat this course partway through the program. Repeatable to a maximum of 1 credit. Graded S/F.

1 theory unit (10 clock hours).

Prerequisite: BSN program admission.

## **NURS 491** **1 F, W, S** **BSN Capstone II**

Emphasizes reflection, integration, and synthesis from other BSN courses. Primarily a self-directed course. Allows the student to demonstrate mastery of program objectives and serves as an assessment of student learning. To be taken during the final quarter of enrollment in the BSN program. Graded S/F.

1 theory unit (10 clock hours).

Prerequisite: NURS 490

## **NURS 495** **1-3 Arranged** **Independent Study**

Individual research; for advanced students with adequate background in appropriate nursing studies. Three units maximum.

1-3 theory units (10-30 clock hours).

Prerequisites: Permission of chair or program coordinator.