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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 of emergency services, emergency dispatch, and firefighting. 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, disaster response, emergency management, or continuity of operations in public, private or non government operations. Training includes 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.

The B.S. in Health Sciences is a continuation from the A.S. in Health Sciences degree. It is available for students who are required to achieve a B.S. in order to be considered for admission to many Allied Health Professions.

The B.A. and B.S. in Global Health are a 4+1 degree with an emphasis in public and community health. These degrees are appropriate for students with an interest in working in public and community health, or wish to pursue an M.P.H.

Three nursing degrees are offered: the Associate of Science

Nursing and Health Sciences

(A.S.) the Bachelor of Science in Nursing (B.S.N.), and the Master of Science in Nursing (M.S.N.). The A.S. degree is available in a traditional format on the main campus in Angwin and in a non-traditional EMT-P, Medtech V, and 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.

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 (404) 975-5000.

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.
 - f. Evidence of full COVID-19 vaccination is required by most facilities for clinical placement. The department has not made the COVID vaccine mandatory but highly recommended. Unvaccinated nursing students may not be able to be placed in facilities to complete the required clinical component of courses which could result in the need to disrupt progression in the program until the student is either fully vaccinated or facility policy changes.
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 40.5 hours

► Required Core Courses (29.5 hours):

EMER 100	Careers in Emergency Management	1
EMER 104+105	Emergency Medical Technician I, II	5+6
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 280	Search and Rescue	2
EMER 281	Emergency Survival	2
EMER 291	Emergency Services Seminar	.5

► Required Cognate Courses (11-13 hours):

INFS 240	Introduction to GIS	2
PSYC 260	Death and Dying	4
SPAN 105	Spanish for Healthcare I	3

At 2-4 hours in the following: 2-4
Additional ANTH, PSYC, SOCI, or INFS courses in consultation with the advisor.

► Recommended Elective:

EMER 273	Emergency Medical Practicum	2
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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.

Eligible students must have completed an associates degree prior to this program.

A minimum of 60 hours (at least 36 upper-division hours)

► Required Core Courses (36 hours):

EMER 310	Foundations of Emergency Management	3
EMER 315	Foundations of Homeland Security	4
EMER 320	Technology in Emergency Management	4
EMER 355	Disaster Management	4
EMER 405	Continuity of Operations	4
EMER 425	Crisis Management in Public Safety	4
EMER 480	Issues in Emergency Services	3
EMER 491	Emergency Management Capstone	1
EMER 494	Emergency Management Internship	1-3
GLBH 310	Population Health	4
GLBH 410	Epidemiology	4

► Required Cognate Courses (24-29 hours):

MGMT 465	Organizational Behavior	3
SPAN 105	Spanish for Healthcare I	3

At least one of the following courses: 3

COMM 328	Small Group Communication (3)
COMM 329	Organizational Communication (3)
COMM 330	Intercultural Communication (3)

At least one of the following courses: 3-4

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

At least four of the following: 12-16

Additional ANTH, PSYC, or SOCI courses in consultation with the advisor.

Recommended Elective

EMER 273	Emergency Medical Practicum (2)	
MGMT 350	Project Management (3)	
PSYC 260	Death and Dying	4

Major in Emergency Management, Paramedic Emphasis, B.S.

Eligible students must have completed an associates degree prior to enrollment in this program.

A minimum of 77 hours (at least 32 upper-division hours)

► Required Core Courses (8 hours):

EMER 310	Foundations of Emergency Management	3
EMER 355	Disaster Management	4
EMER 491	Emergency Services Capstone	1

► Transfer credits for Public Safety - Paramedic (45 hours)

► Required Cognate Courses (24-29 hours):

MGMT 465	Organizational Behavior	3
SPAN 105	Spanish for Healthcare I	3

At least one of the following courses: 3

COMM 328	Small Group Communication (3)
COMM 329	Organizational Communication (3)
COMM 330	Intercultural Communication (3)

At least one of the following courses: 3-4

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

At least three of the following: 12-16

Additional ANTH, PSYC, or SOCI courses in consultation with the advisor.

Recommended Elective

NURS 212	Pharmacology (3)	
PSYC 260	Death and Dying	4

Pre-Professional Students

The B.S. in Emergency Management can be combined with a pre-professional program (pre-medicine or other similar programs). Pre-professional students are encouraged to work with the Emergency Management advisor and pre-professional 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)

BIOL 121-122-123	Biological Foundations I,II,III+L.5+5+5	
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

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Minor in Emergency Management

A minimum of 24 hours, 6 upper division

► **Required Courses (6 hours)**

EMER 310	Foundations of Emergency Management	3
EMER 355	Disaster Management	4

► **Required Electives (18 hours, 6 upper division):**

At least 18 EMER hours (6 upper division)

Global Health Combined Major 4+1 Bachelors & Master's Degree PUC B.A. or B.S. & LLU M.P.H.

If you wish to extend your strong interest and bachelor's degree to a career in public health with an emphasis in global health, this combined undergraduate and master's program may be ideal for you. You can earn your degree in just five years of full-time study instead of six years to earn the dual degree of Bachelor of Art or Bachelor of Science in Global Health through Pacific Union College and Loma Linda University's Master of Public Health with emphasis in Global Health.

This program is available for graduates of the B.A. or B.S in Global Health with a strong academic record. Interested students with a 3.0 GPA or higher will be eligible to apply during winter quarter of their senior year at PUC by following Loma Linda University's admission process.

Major in Global Health, B.A.

A minimum of 111 hours (at least 32 upper-division hours)

► **Required Core Courses (45 hours):**

GLBH 201	Intro to Global Health	2
GLBH 310	Population Health	4
GLBH 410	Epidemiology for Public Health	4
GLBH 418	Ethics for Global Health	4
GLBH 422	Metrics Literacy	4
GLBH 460	Health Systems of the World	4
GLBH 465	Issues in Global Health	4
GLBH 470	Project Implementation	4
GLBH 476	GH Field Experience	5
GLBH 490	GH Capstone Seminar I	5
GLBH 491	GH Capstone Seminar II	5
GLBH 495	Independent Study in GH	1-4

► **Required Cognate Courses (61 hours):**

Choose at least 15 hours from this group, with at least 1 PLSC course and 1 SOCI course:

PLSC 274	Intro to Political Thought	3
PLSC 328	Critical World Issues	3

PLSC 485	Foreign Relations/US	3
PSYC 390	Gender Issues	3
RELH 314	World Religions	3
SOCI 121	Intro to Sociology	4
SOCI 214	The Family	4

Additional Cognate Courses:

ANTH 124	Cultural Anthropology	4
COMM 105	Communication and Public Sp.	4
COMM 220	Health Communication	4
COMM 223	Interpersonal Communication	3
COMM 330	Intercultural Communication	3
ECON 270	Healthcare Economics	3
ENVR 360	Conservation Biology	3
ENVR 361	Energy & Climate Change	3
ENVR 362	Pollution & Environmental Quality	3
FDNT 235	Nutrition	3
HLED 166	Health Education	2
PSYC 234	Human Development	4
SOCI 355	Cultural Diversity	3
STAT 222	Intro to Statistics	4

Recommended:

STAT 322	Statistical Methods	3
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Major in Global Health, B.S.

A minimum of 111 hours in the major and cognates

► **Required Core Courses (35-38 hours):**

GLBH 201	Introduction to Global Health	2
GLBH 310	Population Health	4
GLBH 410	Epidemiology for Public Health	4
GLBH 418	Ethics for Global Health	4
GLBH 422	Metrics Literacy	4
GLBH 460	Health Systems of the World	4
GLBH 465	Issues in Global Health	4
GLBH 470	Project Implementation	4
GLBH 476	GH Field Experience	4
GLBH 495	Independent Study in GH	1-4

► **Required Cognate Courses (76 hours):**

ANTH 124	Cultural Anthropology	4
BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
COMM 105	Communication & Public Speaking	4
COMM 220	Health Communication	4
COMM 223	Interpersonal Communication	3
COMM 330	Intercultural Communication	3
ECON 270	Healthcare Economics	3
ENVR 360	Conservation Biology	3

ENVR 361	Energy & Climate Change	3
ENVR 362	Pollution & Environmental Quality	3
FDNT 235	Nutrition	3
HLED 166	Health Education	2
MICR 134	Microbiology	5
PSYC 234	Human Development	4
SOCI 355	Cultural Diversity	3
STAT 222	Intro to Statistics	4

<i>Loma Linda University courses, 4th Year</i>		
PCOR 501	Public Health for Community Resilience (5)	15
PCOR 502	Public Health for Community Health (5)	
PCOR 503	Public Health and Health Systems (5)	

Recommended Electives

STAT 322	Statistical Methods	3
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Minor in Global Health

A minimum of 24 hours

► **Required Courses (6 hours)**

GLBH 201	Intro to Global Health	2
GLBH 310	Population Health	4

► **Choose between these courses (8 hours)**

GLBH 410	Epidemiology for Public Health	4
GLBH 422	Metrics Literacy	4
GLBH 460	Health Systems of the World	4
GLBH 465	Issues in Global Health	4

► **Required Cognate Courses (10 hours)**

FDNT 235	Nutrition	3
STAT 222	Statistics	4

► **Choose between one of these courses**

ENVR 360	Conservation Biology	3
ENVR 361	Energy and Climate Change	3
ENVR 362	Pollution Environmental Quality	3

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. and B.S. in Health Sciences:

- Pre-Cardiac Electrophysiology Technology
- Pre-Clinical Laboratory Science
- Pre-Communication Sciences & Disorders
- 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. and B.S. in Health Sciences, which is outlined in the next section. See program guide sheets for specific details about Loma Linda University's prerequisite requirements for each program. The B.S. in Health Sciences is a continuation from the A.S. in Health Sciences degree to prepare allied health majors who require four-year undergraduate preparation for their careers. 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 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. or B.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./B.S. in Health Sciences and the pre-Allied Health programs.

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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
 Include courses from at least 2 separate areas

Area 1: Biology

Area 2: Chemistry

Area 3: Mathematics & Statistics

Area 4: Physics

Social Science: At least 12 hours 12

Include courses from at least 2 separate prefixes from ANTH, ECON, GEOG, PLSC, PSYC, or SOCI.

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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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, KORE 111, SPAN 105, or SPAN 111

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 Health Sciences, B.S.

A minimum of 65 hours (at least 20 upper-division hours)

► **Required Core Courses (30 hours):**

HLTH 101	Introduction to Allied Health Professions	2
HLTH 201	Issues in Allied Health Professions	2
HLTH 301	Health, Society, and the Consumer	4
HLTH 401	Current Health Science and Research	4
FDNT 235	Nutrition	3
COMM 220	Health Communication	3
GLBH 310	Population Health	4
GLBH 410	Epidemiology	4
GLBH 460	Health Systems of the World	4

► **Cognate Courses (13 hours):**

MICR 134	Microbiology	5
MATH 106	College Algebra	4
STAT 222	Intro to Statistics	4

At least one of the following sequences in each area:

Area 1: Biology (10-15 hours)

BIOL 101 + 102	Anatomy and Physiology	5+5
BIOL 121+122+123	Biological Foundations	5+5+5

Area 2: Chemistry (12-15 hours)

CHEM 101+102+103	Intro to Chemistry	4+4+4
CHEM 111+112+113	General Chemistry	5+5+5

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.

- Admission is competitive and candidates are evaluated based on:
 - Complete prerequisite courses with a grade of C or better in each course:
 - A full year of Algebra II or Integrated Math III at the secondary level, approved Algebra waiver exam,

- 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) TEAS (Test of Essential Academic Skills) total score that results in an Academic Preparedness Level of Proficient, Advanced or Exemplary, minimum of 60.
- d) 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 \$50. The nursing application also serves as application to the college. Application and readmission packets are available at the department office and website: www.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) You will answer several short essay questions. See A.S. Nursing Application Packet.
- 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.*

* 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.

- 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 in the *Nursing Student Handbook*.

► *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"

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.

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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. 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.

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 equivalence 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.

* *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,*

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 USAF Medical Technician V or above, Navy Hospital Corpsman, and/ or Navy Special Operations Combat Medic.
 - b) A minimum of one year of full-time direct patient care experience in a medical setting as an LVN within the previous five years is required before entering the program.
 - c) 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 equivalence exam.
 - d) NURS 210 must be completed in place of NURS 110 as well as NURS 235 and NURS 390.
2. EMT-P, Medical Technician V, and 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 EMTs, Medical Technician Vs, and 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, and/ or Navy Special Operations Combat Medic.
 - b) A minimum of one year of full-time direct patient care experience in a medical setting as an EMT or LVN within the previous five years is required before entering the program.
 - c) 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 equivalence exam.
 - d) Applicants must have completed a minimum of 16 college quarter units (10.6 semester units), including BIOL 101, 102, CHEM 101 or 102, and MICR 134.
 - e) NURS 210 must be completed in place of NURS 110 for LVNs as well as NURS 235 and NURS 390.
 - f) NURS 213 must be completed in place of NURS 110 for

EMT-Ps and Medical Technician Vs as well as NURS 235 and NURS 390.

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+L, 222+L, 254+L, 325+L and 326+L 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 *A.S. Nursing Student Handbook* for additional information and policies.

► **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 in the *Nursing Student Handbook*. 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 96 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	3
NURS 325L	Nursing VI Clinical	5
NURS 327	Nursing VI Simulation	1
NURS 326	Management and Professional Practice	3
NURS 390	Pathophysiology	4

► **Required Cognate Courses (30-31 hours):**

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
CHEM 101 or 102	Introductory Chemistry Survey of Organic Chemistry	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	Transcultural Nursing	3
SOCI 121	Introduction to Sociology	4
SOCI 214	The Family	4

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SOCI 232	American Social Problems	4
SOCI 355	Cultural Diversity	3

► *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 or an approved algebra waiver exam.

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

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 p. 42 of this catalog. The requirement includes 9 hours of coursework as follows:

Studying Scripture:

Take an elective course, if needed.

Exploring Seventh-day Adventist Life and Thought:

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

One approved course.

Transfer students will have the requirement reduced according to the proration chart listed on p. 42 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.

- In addition to the requirements for admission to the college, the following criteria must be met:
 - Completion of an associate degree, or equivalent, in nursing.
 - Completion of the required cognates for the A.S. degree in Nursing.
 - 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.
 - Current unencumbered California RN license.
- Applicants must submit an application for admission to the Nursing Program. Application packets are available at the department office and website: www.puc.edu/nursing.
- The Admissions Committee may request that the applicant participate in an admissions interview.
- Students currently enrolled in an ASN program may take certain B.S.N classes at the discretion of the BSN director. The student must have completed all B.S.N. GE's prior to taking the B.S.N. courses during A.S.N education.

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 419	Nursing Professional Issues	4
NURS 431	Community Health Nursing	4
NURS 432	Community Health Nursing Practicum	3
NURS 460	Healthcare Education	5
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:

NURS 461	Healthcare Management (5)	
NURS 560	Concepts in Nursing Leadership (5)	5

BSN Electives (4 courses, minimum of 14 credits) 14

NURS 371	Care of the Older Adult (3)	
NURS 372	Alternative and Comp Therapies (3)	
NURS 375	End of Care Life (4)	
NURS 376	Transcultural Nursing (3)	
NURS 384	Healthcare Delivery System (3)	
NURS 420	Nursing Social Issues (4)	
NURS 421	Nursing Global Issues (4)	
NURS 510	Nursing Technology and Informatics (4)	

At least one of the following courses:

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

➤ **Required Cognate Courses (33-34 hours):**

BIOL 101	Human Anatomy	5
BIOL 102	Human Physiology	5
CHEM 101	Introductory Chemistry	5
or 102	Survey of Organic Chemistry	4
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:

ANTH 124	Cultural Anthropology (4)	3-4
NURS 376	Transcultural Nursing (3)	
SOCI 121	Intro to Sociology (4)	
SOCI 214	The Family (4)	
SOCI 232	American Social Problems (4)	
SOCI 355	Cultural Diversity (3)	

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► 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: 18

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

Studying Scripture:

One approved course.

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

RELB 341 Jesus as Healer (3)

Exploring Seventh-day Adventist Life and Thought:

One approved course.

Integrating Faith and Life:

RELH 314 World Religions for Hlthcr Professionals (3)

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

RELP 346 Spiritual Care for Patients (3)

RELT 345 Christian Ethics and Patient Care (3)

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.

Literature

ENGL 301 Themes in Literature (4)

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)

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)

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)

KORE 111 Beg Korean I- Language & Culture (4)

SPAN 105 Spanish for Healthcare I (3)

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

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.

Credit for Relevant Military Education and Experience

Individuals who present with relevant military education and experience equal to but not limited to Basic Medical Technician Corpsman (Navy HM or Air Force BMTCP), Army Health Care Specialist (68W Army Medic) or Air Force Independent Duty Medical Technician (IMDT 4N0X1C) are eligible for advanced placement in a prelicensure nursing program. All nursing courses can be challenged; however, individuals must have prior relevant education and experience that meet the specific requirements of each course.

Information regarding evaluation and granting equivalency credit is available on school websites. Appointments are scheduled with the nursing Program Director or designated advisor. The school determines whether full or partial course credit can be given for nursing courses through its course challenge policy and procedures which can include:

**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.

- DD Form-214 demonstrating honorable military discharge.
- Completion of program entrance requirements including designated prerequisites and assessment testing.
- Submission of official transcripts with syllabi of relevant military education program and clinical experience demonstrating satisfactory completion of coursework and clinical experience.
- Availability of materials for course challenge such as course syllabus with course objectives, content outline, textbook list, types of test items, format of examination and testing, and critical elements.
- Satisfactory level of achievement on challenge examinations or other evaluative methods to validate achievement of course objectives such as;
 - Skills competency evaluation (clinical courses)
 - Written challenge exam(s)
 - Dosage calculation exam

Relevant Statute and Regulations

The relevant statute and regulations that provides information for veterans with military medical education and experience seeking credit are listed below:

- **CCR section 1418:** Eligibility for licensure of applicants who have Military Education and Experience
- **CCR section 1423.1:** Ground for denial or removal of board approval
- **CCR section 1423.2:** Denial or revocation of approval of a nursing program
- **CCR section 1430:** Previous Education Credit

Master of Science in Nursing, M.S.N.

The mission of the Master of Science in Nursing Program is to prepare the nursing graduate to be a leader in nursing education and healthcare organizations through leadership opportunities. This mission is fulfilled by providing quality nursing education guided by the Nursing Program's philosophy.

► *Routes of Entry to the Master of Science in Nursing:*

Pacific Union College offers three routes of entry for Registered Nurses seeking a Master of Science in Nursing degree. The Graduate Record Exam (GRE), generally required for admission to master's degree programs, is NOT required for admission. The pathways to the Master of Science in Nursing degree are as follows:

- A. Traditional Entry
- B. Bridge Program
- C. R.N.-to-M.S.N. Fast Track

► *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 a bachelor of science degree in nursing from a program accredited by the NLNAC or CCNE. Registered nurses with a bachelor degree in a related field may seek admission through the Bridge Program.
 - b) Hold a current license to practice professional nursing in the state where they live.
2. Applicants must submit an application for admission to the Nursing Program. Application packets are available at the department office and website: www.puc.edu/nursing.

A. Traditional Entry Admission Requirements:

For students with a B.S. degree in Nursing.

1. Baccalaureate degree in Nursing
2. Cumulative GPA of 3.0 or higher
3. Introductory or undergraduate courses in statistics and research
4. Unencumbered license to practice as a Registered Nurse in your state of residence.

B. Bridge Program Admission Requirements:

For Registered Nurses with a Non-Nursing B.A. or B.S. degree. The Bridge Program option enables students to enter

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directly into the Master of Science in Nursing program.

1. B.A. or B.S. degree in non-nursing discipline
2. Cumulative GPA of 3.0 or higher
3. Introductory or undergraduate courses in statistics and research
4. Unencumbered license to practice as a Registered Nurse in your state of residence.

C. R.N.-to-M.S.N. Fast Track Admission Requirements:

For Registered Nurses seeking to proceed directly to the Master of Science in Nursing Degree from the B.S.N. program. Students will earn a B.S.N. prior to completing the M.S.N.

1. Associate of Science Degree in Nursing or Diploma in Nursing
2. Cumulative GPA of 3.0 or higher
3. Unencumbered license to practice as a Registered Nurse in your state of residence.
4. Please refer to the Undergraduate Nursing handbook. All requirements for the B.S.N. must be completed however students will take the following courses:
5. NURS 510 Nursing Technology & Informatics (4 credits) instead of RN-BS NURS 389 Nursing Informatics
6. NURS 560 Concepts in Nursing Leadership (5 credits) instead of RN-BS NURS 461 Healthcare Management.
7. Students may be advised to take additional M.S.N./M.B.A. courses at the discretion of the Dean of the program.

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 M.S.N. Nursing Application Packet for details.*

► *The Program of Studies*

Each student will be assigned a graduate advisor from the Nursing Department faculty. The student will work with their advisor to construct an acceptable Program of Studies. The advisor and the department chair will work corroboratively to monitor progress during the period of graduate study.

The Program of Studies must provide for the following:

1. Removal of any undergraduate deficiencies;
2. Completion of all requirements for the degree; and
3. Sequencing of course work so that all requirements are completed within the five-year limit.

Requirements for Graduation with the M.S.N. Degree

M.S.N. candidates have the option of fulfilling requirements under the catalog of their first enrollment or any subsequent catalog during the time of continuous enrollment. To receive the M.S.N., students must meet the following requirements:

1. Satisfactory completion of approved Program of Studies,

including all core and emphasis requirements. A student may earn multiple emphases, provided that each emphasis includes 18 hours of credit that do not overlap with any other emphasis.

2. A minimum overall graduate GPA of 3.0 with no more than two classes with grades below than B-. Classes with a grade of C- or below will not be counted for credit toward the master's degree, although they impact the graduate GPA. A course may be repeated one time to improve the GPA. A maximum of two courses may be repeated.
3. Completion of requirements within five calendar years beginning with the first enrollment in courses counting toward the master's degree. A time extension requires petition to and approval from the Nursing Department.
4. Submission of the Application to Graduate with the Records Office according to published institutional deadlines.

► *Portfolio for the Master of Science in Nursing Degree*

All M.S.N. students will be required to develop an electronic professional portfolio regardless of enrolled program of study. The portfolio is a purposeful collection of work that illustrates efforts, progress, and achievement in one or more areas over time. The portfolio should clearly show the relationship between standards or goals, and artifacts in a collection of evidence indicating how learning or skills acquisition occurred throughout the program of study. Refer to your specific program of study for portfolio requirements.

► *International Student Admission*

International students must meet all prerequisites for admission as outlined above regardless of undergraduate GPA or work experience. International applicants must also provide a TOEFL score of at least 100 (Internet-based) as a prerequisite for admission.

Provisional Admission

On rare occasions, the Nursing Department faculty may provisionally accept a student based on their academic background. A student accepted on academic provisional basis may be admitted to regular status upon the completion of 18 credit hours taken through Pacific Union College with a minimum grade of B in each course. Students are not permitted to repeat courses in order to satisfy this requirement. Students who do not satisfy this requirement will not be permitted to continue in the program.

Transfer Credit

The department director must approve any transfer coursework prior to admission to the program. Credit earned by correspondence, examination, work experience, or

continuing education is not applicable to the M.S.N. course requirements.

Master of Science in Nursing, M.S.N.

A minimum of 47-49 hours

► **Core Requirements (24 hours):**

NURS 505	Theoretical Foundations of Advanced Nursing	4
NURS 506	Evidence-Based Practice & Nursing Research	4
NURS 510	Nursing Technology and Informatics	4
NURS 515	Quality Leadership for Population Healthcare	4
NURS 560	Concepts in Nursing Leadership	5

At least one of the following courses: 3

RELP 520	Integrating Faith and Leadership (3)	
RELT 530	Christian Ethics and Patient Care Marketing (3)	

1. Nursing Education Emphasis (23 Hours)

NURS 531	Nurse Educator I Teaching & Tech Strategies	5
NURS 532	Nurse Educator II Curriculum Development	4
NURS 533	Nurse Educator III Evaluation Strategies	4
NURS 592	Nursing Education Role Practicum & Capstone	6

At least one of the following:

NURS 534	Adv. Concepts in Physiology & Pathophys.	4
NURS 535	Advanced Health Assessment	4
NURS 536	Advanced Pharmacology	4

2. Nursing Leadership and Business Management

Emphasis (26 hours)

HADM 530	Human Resources in Hlthcare Organizations	5
HADM 532	Finance and Mgmt Accounting in Healthcare	5
NURS 545	Economics & Health Policy	5
NURS 585	Healthcare Org. Ldrship & Strategic Planning	5
NURS 591	Nurs. Leadership Role Practicum & Capstone	6

Students may take the following courses in the Masters Fast track prior to obtaining the Bachelor of Science in Nursing degree:

HADM 530	Human Resources in Hlthcare Organizations	5
HADM 532	Finance and Mgmt Accounting in Healthcare	5
NURS 545	Economics & Health Policy	5

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Emergency Services

LOWER-DIVISION COURSES:

EMER 100 **1 F** **Careers in Emergency Management**

An introduction to the field of emergency management. Students will explore the careers available within the field of emergency management and discover the skills, knowledge, and abilities needed to be successful in the Emergency Services and Emergency Management degrees available at Pacific Union College.

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. 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 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.

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.

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

Application of the nationally adopted incident command system to emergency scenes. Emphasizes proper use of resources, interfacing with allied agencies, and decision-making under stress.

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 280 **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 281 **2 W** **Emergency Survival**

Emergency survival techniques necessary to stay alive in the wilderness until rescued. The course will cover the "ten essentials of wilderness survival." Students will build their own personal "ten essentials" survival kit and learn how to use these items. Course will culminate in a 30-hour solo survival exercise.

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 310 **3 F** **Foundations of 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 315 4 S
Foundations of Homeland Security

Explores the topics of terrorism, terrorist behavior, homeland security policies, and emergency management. Discusses the differences between homeland security and disaster communities, as well as covers the stages of emergency management with a focus on terrorism prevention and response.

EMER 320 4 W
Technology in Emergency Management

Introduces students to the new technologies augmenting the field of emergency management: enhanced surveillance, drones, advanced communication modalities, and artificial intelligence. Special attention will be paid to advances in GIS technologies, hazard modeling programs, cybersecurity, and social media.

EMER 355 4 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.

EMER 405 4 W
Continuity of Operations

Examines the theory and application of business continuity management including the identification of risks, threats, and vulnerabilities. Students will learn how to conduct a business impact analysis, how to develop comprehensive continuity plans, as well as learn multiple techniques for developing and evaluating continuity programs.

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 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 1-3 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.

EMER 494 1-3 F W S Su
Emergency Management Internship

Supervised work experience in emergency management and/or related field to increase student understanding by applying program education to an applied work experience. Enrollment limited to department majors. Advance approval of the department required. May not be taken before the end of the sophomore year. Qualifies for IP grading. Graded S/F. May be repeated for credit.

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.

Global Health

GLBH 201 2 F, S
Introduction to Global Health

An introduction to key global health topics. Looks at links between poverty and health; relationships among health, equity, and health disparities; connections between health and social and economic development; and the relationship between gender and ethnicity to health.

GLBH 310 4 F
Population Health

Focuses on interrelated conditions that influence health outcomes of individuals within populations. Considers health as influenced by cultural, social, economic, and physical environments. Examines patterns of health practices, human biology, early childhood development, and health services on the health outcomes of various groups of individuals.

GLBH 410 4 F
Epidemiology for Public Health

Expands on prior knowledge to provide solid foundation in key areas of methodology, causality, and the complex issues that surround chronic and infectious disease investigation. Examines descriptive epidemiology, including data sources, study designs, measures of effect,

Nursing and Health Sciences

data interpretation, and screening. Also focuses on four content areas: infectious diseases, occupational and environmental health, molecular and genetic epidemiology, and psychosocial epidemiology.

GLBH 418 **4 W** **Ethics for Global Health**

Exploration of how values influence one's perspective on identifying global wrongs related to health and seeking to find solutions. For example, where do the rights of people to enjoy health intersect with the idea that other people may not feel obligated to provide charity? If one group believes in a particular systematic approach to health, what happens when they fail to respect national boundaries in offering solutions to a health issue?

GLBH 422 **4 S** **Metrics Literacy**

Health indicators, calculated as rates, ratios, and percentages, serve as a common numerical language to make order out of chaos. These numbers represent (in aggregate) real people's lives. What do health indicators really tell us? How do they work, what do they reveal, what do they conceal? This class explores why it matters.

GLBH 460 **4 W** **Health Systems of the World**

Health systems in all countries reflect disparities in wealth. The demand for health services always outstrips the financial resources available to supply them. Differences in income translate to both personal and societal wealth and have a profound and continuing effect on the opportunities, lifestyles, and health of the people. Even low-income countries now experience wealthy-nation diseases, such as heart disease and cancer.

GLBH 465 **4 F** **Issues in Global Health**

Many health issues surface to the public domain in the form of controversies. To get to the root of the controversy, and to gain insight into what must be done to promote health, learners must dissect root causes before proposing strategies for progress. This course covers a variety of health-related topics that affect the U.S. and many other countries.

GLBH 470 **4 S** **Project Implementation**

This course is intended to help students understand not only competent health program planning and evaluating but also to become savvy consumers of evaluation reports. The distinction between individual patient health and population health is a prerequisite for the thinking and planning stages. Implementation varies depending on which level of a population is targeted, different determinants of a health problem, and the selected strategies and interventions to address a health problem. Quality improvement methodologies are presented since they complement traditional program evaluations.

GLBH 476 **4 Arr** **Global Health Field Experience**

The field experience focuses on issues relevant to global health, including health care, health education, environmental effects on health, infectious disease, mental health, health disparities, medical sequelae of natural disasters or political violence, indigenous healing practices, nutrition and reproductive health. Prerequisite: Department permission.

Health Sciences

LOWER-DIVISION COURSES:

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 201 **2 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.

HLTH 301 **4 W** **Health, Society, and the Consumer**

This upper division rhetoric intensive course surveys the historical evolution of healthcare in America, touching on the impact of health reform and other social, political, and religious movements from the nineteenth to the twenty-first century. Various aspects of healthcare in the United States, including the history of Seventh-day Adventist healthcare, alternative and complementary healing modalities and current healthcare initiatives, are critically analyzed for their strengths and weaknesses. Educating students to

become informed consumers and producers in the healthcare marketplace is a crucial aspect of the course. Designed for students in the Junior year of the B.S. degree in Health Science.

HLTH 401 **4 W**
Research Methods for Health Science

A study of research designs, methodologies, and ethics within health science. Students will complete an original research project including the use of descriptive and inferential statistics resulting in a formal paper, poster, and presentation. Designed for students in their final year of the B.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.

NURS 213 **4.5 Arr**
EMT-P to RN Bridge

This course bridges the theory gap from a paramedic education to the end of a first-year nursing student. Including an introduction to the mission and philosophy of the PUC Nursing Programs, nursing pharmacology concepts and competencies, basic nursing knowledge, and skills competency validation that prepares students to enter a fast-tracked (18 month) LVN/Med-Tech/EMT-P to RN program. Takes the place of NURS 110 (Introduction to Nursing) for Advanced Placement EMT-P to RN students. Four theory units (40 clock hours) and one and a half lab units (15 clock hours). Eligible for IP grading. Students must pass the PN Comprehensive Exam (ATI) with a minimum of 70.7%.

Prerequisite: Admission to the Nursing Program. Current California EMT-P 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

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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**

Nursing V continues to expand and reinforce on the nursing concepts necessary for safe, compassionate, patient-centered nursing care and applies that content to the care of patients with complicated healthcare issues. The course expands on professional nursing concepts including clinical judgement and collaboration with other healthcare professionals. 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. Nursing content and theory are acquired in the classroom and applied in all nursing environments including the simulation laboratory and various clinical settings. Three theory units (30 clock hours) and three clinical units (90 clock hours).

Prerequisites: NURS 221, 254.

Corequisite: NURS 256.

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 **3 F, W, S** **Nursing VI**

Nursing VI reinforces concepts previously learned. Content should include all patient populations, focus on care of the complex patient, care of patients with a number of healthcare problems occurring. This advanced, comprehensive course provides a synthesis of all concepts and nursing content taught throughout the program with application in the clinical setting. This course enables the individual student to recognize areas that need enhancement prior to entering professional nursing practice and includes a review and strategies for success on the NCLEX-RN.*

Three theory units (30 clock hours) and four clinical units (120 clock hours).

Prerequisites: All 100 and 200 level nursing courses.

Corequisite: NURS 326.

NURS 325L **5 F, W, S** **Nursing VI Lab**

150 clinical practicum hours

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 327 **1 F, W, S** **Nursing VI Simulation**

Nursing VI Simulation reinforces concepts previously learned, helping students to develop clinical skills, critical thinking, teamwork, communication, and confidence in a safe and controlled environment. This course consists of discussions, simulations, and demonstrations. Students are expected to participate actively in class activities, simulation experiences, and assignments. Through simulation students achieve the learning outcomes by integrating knowledge, skills, and attitudes in the classroom and simulation setting.

1 simulation unit (30 clock hours).

Co-requirement course NURS 325 and NURS 325L. 30 simulation hours.

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 371 **3 W, Su** **Nursing Care of the Older Adult**

Focuses on the role of nurses in the promotion of wellness among older patients, including physical and psychosocial functions. Discusses transitions between healthcare settings and ethical and

legal issues in this population. Features evidence-based practice and guidelines encouraging wellness, patient-centered care during illness and end-of-life, and integration of knowledge, skills, and attitudes in real and/or virtual classroom settings. 3 theory units (30 clock hours).

NURS 372 **3 F, S** **Alternative and Complimentary Nursing Therapies**

Presents lifestyle medicine as a complement to mainstream medicine. Introduces and examines aspects of holistic health and methods to improve health and promote wellness. 3 theory hours (30 clock hours).

NURS 375 **4 W** **End of Life Care**

Reinforces individual concepts related to grief and loss, with a focus on grief response theories, and addresses common 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** **Transcultural Nursing**

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

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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** **Healthcare 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 Arr** **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).
Prerequisite: NURS 124.

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, Su** **Nursing Social Issues**

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 af-

fecting 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 **4 Arr** **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.

NURS 431 **4 S** **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, S** **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. A medical trip is offered each year in the public community health setting. The hours are applied toward the clinical requirements for this course.

Three clinical units (90 clock hours).

Prerequisites: BSN program admission; current CA RN license or are enrolled in NURS 432.

Corequisite: NURS 431.

NURS 460 **5 F**
Healthcare 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) and one unit field experience (20 clock hours).

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

NURS 485 **4 W, Su**
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 Arr**
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.

Graduate Courses

SERVICE COURSE:

NURS 501 **4 F, W, S**
Community Health Nursing

This Bridge Course is a common course offered for those students who have an AS in nursing but a BS or BA in another discipline other than nursing. This allows them to attain a MSN in nursing and meet the requirements to attain admission to a MSN program.

Designed for Registered Nurses with bachelor degrees in areas other than nursing, the purpose of the course is to provide non-traditional students with a common knowledge base including the community perspective as a foundation for graduate study in nursing. Expands on professional nursing concepts applied to the community healthcare setting for graduate study. 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 (4 clock hours). Pre-requisites: Admission to MSN program; current California RN license. Co-requisite. Students may choose to take NURS432 practicum (3 clinical units/90 clock hours) if they wish to obtain the Community Public Health Certification through the CA BRN.

Nursing and Health Sciences

GRADUATE COURSES:

NURS 505 **4 W** **Theoretical Foundations of Advanced Nursing**

This course focuses on the conceptual foundations of nursing. Students will examine the philosophical basis of knowledge development in nursing, analyze selected nursing and related theories, and critically evaluate the relevance of theory to nursing research, practice, and education. Qualifies for IP grading. This is the first required course.

Prerequisite: Admission to the MSN program.

NURS 506 **4 F, S** **Evidence-Based Practice & Nursing Research**

Students build upon previous learning of research design, methods, and process. The critical relationship of research to nursing as a science, as well as its' development as a professional discipline is emphasized. Qualifies for IP grading.

Prerequisite: STAT 222

NURS 510 **4 F, S** **Nursing Technology & Informatics**

This course provides a systematic application of information, computer science, and technology related to nursing practice. Emphasis of incorporating nursing practice systems and information technology. Focus is on identifying clinical data sets, methods of multilevel data retrieval, and the decision-making processing guiding action in the face of uncertainty. Qualifies for IP grading.

NURS 515 **4 W** **Quality Leadership for Population Healthcare**

Utilizing current nursing research, evidence-based practice and evolving healthcare trends, students will complete a fieldwork experience in the area

of administration/leadership in a health-care setting or professional organization. The students will analyze examples of current issues related to the health care delivery system that impact on nursing practice. online assignments as well as completion of a 30-hour fieldwork is expected in this course. Qualifies for IP grading.

NURS 530 **5 Online** **Organizational Behavior** (See also HADM 530.)

NURS 531 **5 F** **Nursing Educator I Teaching and Technology Strategies**

This course examines driving societal forces for technology integration in nursing education in the emerging knowledge era. The student is provided with the opportunity to synthesize and apply diverse classroom and clinical teaching strategies integrating technology. Using theories of education, students will discuss and evaluate how the use of technology influences teaching, learning, and evaluation strategies, as well as quality improvement and patient safety in clinical practice. Students will explore a variety of technologies and their applicability to learning goals, active learning strategies, and different learning environments such as clinical sites and simulation laboratories. Students will evaluate how teacher and learner roles are influenced by the use of technology. Qualifies for IP grading.

Three theory units and two field experience (40 hours).

NURS 532 **4 W** **Nurse Education II Curriculum Development**

This course provides students with the fundamental knowledge and requisite skill set needed to effectively

design, develop, implement, and evaluate nursing education-focused curricula. Current trends in nursing education and accreditation are discussed; philosophies, conceptual frameworks, and development of learning goals and objectives are examined and applied. Qualifies for IP grading.

Three theory units (30 clock hours) and one field experience unit (20 clock hours).

NURS 533 **4 S** **Nurse Educator III Evaluation Strategies**

This course will cover various formative and summative evaluation strategies for assessment of student learning outcomes in the classroom, clinical, and laboratory settings. Attention will be given to social/legal/ethical issues, students with disabilities and cultural diversity. This course will equip future nurse educators with the tools needed to effectively and systematically evaluate student learning in multiple settings. The student will be able to develop a variety of assessment procedures that include test writing and analysis, various clinical evaluation tools, and in-class strategies for student engagement. Qualifies for IP grading.

Three theory units and 1 field experience (20 clock hours)

NURS 534 **4 F, S** **Advanced Concepts in Physiology & Pathophysiology**

This course is designed to present an orientation to disease as disordered physiology. The course focus is on pathological conditions encountered in clinical practice across the life span of patients. Emphasis is placed on regulatory and compensatory mechanisms as they relate to commonly occurring diseases. The influence of

environmental and genetic factors on the development of disease will be examined. Qualifies for IP grading.

NURS 535 **4 W**
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. Qualifies for IP grading.

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

NURS 536 **4 S**
Advanced Pharmacology

Building upon existing knowledge of the nurse educator student, this course focuses on pharmacologic concepts of major drug classifications. Principles of pharmacokinetics, pharmacodynamics and pharmacogenomics will be explored. Emphasis is placed upon the utilization and application of the nursing process in the teaching of pharmacology and safe administration of medications. Qualifies for IP grading.

NURS 545 **5 Online**
Economics and Health Policy
 (See HADM 545)

NURS 560 **5 F, W, S**
Concepts in Nursing Leadership

Nursing Leadership provides the nursing graduate student with the necessary skills to integrate appropriate business, economic, financial, leadership, and management concepts into effective strategies to effect change in health care

agencies and organizations. Qualifies for IP grading.

Four theory units (40 clock hours) and one unit field experience (20 clock hours).

NURS 585 **5 F, S**
Healthcare Organization Leadership & Strategic Planning

A seminar of open discussion and guest lectures relating to current issues developing within the healthcare industry. Included in the discussion will be topics in healthcare finance and legal issues.

NURS 591 **6 F, W, S**
Nursing Leadership Role Practicum & Capstone

This is the final course in the nursing sequence for the role immersion experience in nursing leadership. This course focuses on a role immersion experience in nursing leadership. Students apply and analyze the theories, competencies, and concepts that have been taught throughout the program. Students will work with a practicum advisor who is an experienced nursing leader in a healthcare setting Practicum 120 hr 24 hours included in the total Direct Care Core. Qualifies for IP grading.

NURS 592 **6 F, W, S**
Nursing Educator Role Practicum & Capstone

This is the final course in the nursing sequence for the role immersion experience in nursing education. This course focuses on a role immersion experience in nursing education. Students apply and analyze the theories, competencies, and concepts that have been taught throughout the program. Students will work with a practicum advisor who is an experienced nursing educator in

either the practice or academic setting. Through this experience, the student will lead a group of students in both clinical and theoretical teaching incorporating a variety of teaching strategies. Qualifies for IP grading.

Field experience (60 hours).

THEOLOGY COURSES:

REL P 520 **3 W**
Faith and Leadership
See Theology page 193

REL T 530 **3 SP**
Christian Perspective in Healthcare Ethics
See Theology page 193

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