

PRIVATE MUSIC LESSONS

Special fee in addition to tuition

- **One semester hour**

Fall and Spring Semesters: One half-hour private lesson per week (12 weeks) in addition to daily practice. January: Two 45-minute lessons per week in addition to daily practice. Summer: Six hours of instruction to be announced in addition to daily practice. Students in piano, voice, and guitar may be assigned to class instruction at the discretion of the music faculty.

- **Two semester hours**

Fall and Spring Semesters: Two half-hour lessons per week (12 weeks) in addition to daily practice. Summer: 12 hours of instruction to be announced in addition to daily practice.

- **Three or four semester hours**

By permission of department only.

To view Music (MUSI) courses, go to the PLU Directory of Approved Courses on page 194.

Natural Sciences, Division of

253.535.7560

www.nsci.plu.edu

nsci@plu.edu

The Division of Natural Sciences fulfills a two-fold purpose, preparing its majors for careers as science professionals and providing all students the grounding in the scientific awareness vital for being a citizen in the modern world and participating in a democracy.

To meet the first purpose, the six departments in the division offer rigorous programs in biology, chemistry, geosciences, physics, mathematics, and computer science and computer engineering. Inquiry-based learning is emphasized in laboratories, research courses, and capstone projects. The division-wide undergraduate research program supports one-on-one investigations with faculty in which students are immersed in all aspects of actually “doing” science.

To meet the second purpose, both major and non-major courses address the basic philosophy and methodologies of science. This encourages an awareness of the limitations of science as well as an appreciation for its benefits. Courses also attempt to place science and technology in its larger socio-cultural context, connecting developments in one discipline with those in another and with influences outside the sciences.

Regardless of their major, students will find in the Natural Sciences Division a faculty devoted to teaching. Opportunities for close interactions abound, and the development of the whole person is a central concern.

Faculty: Alexander, *Dean*; faculty members of the Departments of Biology, Chemistry, Computer Science and Computer Engineering, Geosciences, Mathematics, and Physics.

As a division within the College of Arts and Sciences, the Division of Natural Sciences offers major programs in each department leading to B.A. and B.S. degrees, minor programs, and core courses that fulfill general education elements. The departments provide supporting courses for interdisciplinary programs within the sciences and for other schools of the university. Courses for B.A. in Education degrees with majors and minors in the natural sciences are available; see the Education section of this catalog for specific degree requirements. See also the sections on Environmental Studies and on the Health Sciences (under Pre-Professional Programs) for related programs.

Descriptions of specific course offerings and degree requirements offered within the Natural Sciences are listed under:

Biology
Chemistry
Computer Science and Computer Engineering
Geosciences
Mathematics
Physics

To view Natural Sciences (NSCI) courses, go to the PLU Directory of Approved Courses on page 199.

Norwegian

To view curriculum and course requirements, please go to Department of Languages & Literature, Page 75.

To view Norwegian (NORW) courses, go to the PLU Directory of Approved Courses on page 199.

Nursing, School of

253.535.7672

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The School of Nursing is a professional school that combines nursing science with a strong foundation in natural sciences and the liberal arts. It prepares undergraduate students for generalist nursing practice; builds upon undergraduate educational experiences to prepare nurses for advanced practice in designated specialties; and responds to the education needs of practicing nurses to remain current, competent practitioners or to revise the focus of their practice.

The School exemplifies the university’s mission of educating for lives of service and care in an environment that encourages inquiry, diversity, lifelong learning and spirituality as vital elements in the human quest for wholeness. Nursing’s educational programs offer dynamic learning opportunities that challenge students to develop skills, attitudes, values, and roles which facilitate individuals, families, and communities to meet their health and wellness needs.

Degree programs within the School of Nursing include:

1. Bachelor of Science in Nursing for basic nursing students, licensed practical nurses and ADN-RNs;
2. Master of Science in Nursing program for B.S.N. prepared registered nurses;

3. RN-non-nursing baccalaureate degree or higher to M.S.N.
4. Entry-level M.S.N. for non-nursing baccalaureate graduates.

A program leading to Educational Staff Associate certificate is available for school nurses through Continuing Nursing Education (CNE). Course work is offered in collaboration with the Office of the Washington State Superintendent of Public Instruction. Workshops and short courses for nurses and others involved in health care are frequently offered through the year by CNE.

Faculty: T. Miller, *Dean*; Barta, Carr, Davis, Dolan, Dubois, Frank, Heise, Hom, Jenkins, Latta, Lizzi, Maloney, McCann, Olson, Pendrak, Roberts, Schaffler, Schaffner, Schultz, Shull, Su, Swett, Wolfer, Wood, Zaichkin.

Accreditations and Affiliations

The School of Nursing at Pacific Lutheran University is a member of the American Association of Colleges of Nursing and The National League for Nursing. The B.S.N. and M.S.N. programs are approved by the Washington State Nursing Care Quality Assurance Commission and fully accredited by the Commission on Collegiate Nursing Education. The school is part of the Psi Chapter-at-Large of Sigma Theta Tau International, the Honor Society of Nursing.

Undergraduate Programs

The Basic undergraduate program is designed for students who do not hold licensure in practical or registered nursing. The LPN to B.S.N. program is designed for persons holding LPN licensure.

The school collaborates with over 100 health agencies to provide optimal clinical learning experiences for its students, under the supervision of its faculty members.

Graduates who successfully complete the program will earn the Bachelor of Science in Nursing degree and are eligible to sit for the NCLEX-RN examination for licensure as registered nurses in all 50 states and two US Territories. They are prepared to begin professional nursing positions throughout the health care system. The undergraduate programs provide a strong foundation for graduate study in nursing.

High School Preparation

Applicants are expected to have completed a program in high school that includes: four years of English; two years of mathematics (preferably algebra and geometry); two years of social sciences; two years of one foreign language; and two years of laboratory sciences (including chemistry).

Liberal Arts Foundation

An understanding and appreciation for the integration of liberal arts and the art and science of nursing are necessary for success in the B.S.N. program. Applicants are expected to have completed at least 12 semester credits of liberal arts courses prior to beginning the nursing program, in such study areas as anthropology, fine arts, history, languages, literature, philosophy, political science, religion or writing.

Admission to the University

Applicants must be accepted by the university before consideration for acceptance by the School of Nursing. Pacific Lutheran University welcomes applications from all students who have demonstrated capacities for success at the baccalaureate level. Students who present appropriate academic records and personal qualities are admitted to either summer, fall, or spring terms. Application procedures and other details are found elsewhere in this catalog.

Admission to the School of Nursing

Students seeking admission to the undergraduate nursing program's Basic, LPN-B.S.N. sequence, or the ADN-B.S.N. sequence must make formal application to both the university and the School of Nursing. Applications for admission to the nursing major are available from the School of Nursing. All application materials, including official transcripts, are reviewed by the School's Recruitment, Admission and Progression (RAP) Committee and evaluated according to the admission criteria.

Undergraduate students desiring admission should submit their applications by the priority deadline for any term in the following year. The selection of students for admission is competitive because available spaces each semester are limited. If there are more applicants for any term than can be accommodated, qualified candidates may be placed on a waitlist or admitted to a later term. Students are admitted to the term of their choice if it is possible. Persons on the waitlist for the year who are not admitted, but who continue to desire admission to the nursing major, must submit a new application to be considered for the following year.

Individuals whose applications have been received after the priority deadline for all terms will be considered on a space available basis.

All prospective or pre-nursing students are urged to seek early academic advisement in order to enroll for appropriate prerequisite courses and avoid unnecessary loss of time. The School of Nursing reserves the right of curriculum and program modification and revision.

Admission Criteria

BASIC-B.S.N., LPN TO B.S.N. AND ADN TO B.S.N.

Applicants must be admitted to Pacific Lutheran University before being considered for admission to the School of Nursing. Admission is a selective process and meeting minimum requirements does not imply or guarantee admission. Admission to the university does not imply or guarantee admission to the School of Nursing. Minimum criteria that applicants must meet to be considered for admission to the Basic to B.S.N., LPN to B.S.N. or ADN to B.S.N. programs of study include the following:

- Successful completion, or pending satisfactory completion, of specific prerequisite courses at PLU, an accredited community college or another accredited university
- Successful completion, or pending completion, of at least 30 semester credits or 45 quarter credits (sophomore class standing).
- Competitive grade point average. Admitted students usually have significantly higher grade point averages than the

minimum because of the competitiveness of the program:

- A minimum grade of 2.00 on a 4.00 scale in each nursing prerequisite and co-requisite course.
- A minimum cumulative grade point average of 2.75 on a 4.00 scale in the prerequisite courses.
- A minimum PLU cumulative grade point average of 3.00 on a 4.00 scale. Transfer students who matriculate to PLU and the School of Nursing simultaneously must meet the cumulative transfer grade point average as determined by the Registrar's Office.
- No more than one repeat of any single prerequisite or co-requisite course. Applicants who have either repeated courses, both general and nursing specific, due to failure, or have withdrawn from courses, are considered less competitive.
- Completion of the university math entrance requirement, which is intermediate algebra at the college level with a minimum grade of 2.00 on a 4.00 scale, or completion of two years of college preparatory (high school) algebra with average grades of 2.00 on a 4.00 scale.
- Physical and mental health with emotional stability sufficient to meet the demands of all generalist nursing roles and to provide timely, safe patient care.
- Fluency in speaking, reading, writing and comprehending university-level English.
- Civil, administrative and criminal history clearance in all states as well as any other applicable territory or country.
- Submission of all required application documents to the School of Nursing by the School's designated deadlines.

Continuation Policies

- All nursing courses have prerequisites and must be taken in sequence and/or concurrently as identified in the student's school-approved curriculum plan as well as in the catalog.
- A minimum grade of 2.00 on a 4.00 scale ("C") must be achieved in all required nursing courses. A student receiving a grade less than a 2.00 in any course that is prerequisite to another nursing course may not continue in the nursing sequence until the prerequisite course is repeated with a grade of 2.00 on a 4.00 scale or above.
- Withdrawal from a course in failing status is considered equivalent to a course failure.
- Students who fail a nursing co-requisite course (earning a grade of less than a 2.00 on a 4.00 scale) while enrolled in the nursing program will be placed on academic probation, and may be dismissed from the nursing program.
- No course may be repeated more than one time. Failure or withdrawal in failing status from any two nursing courses will result in dismissal from the School of Nursing.
- Incomplete grades in nursing courses must be converted to a passing grade (2.00 on a 4.00 scale or above) before the first day of class of the subsequent term.
- Students taking approved withdrawals from nursing courses may return to the School of Nursing in accordance with policies listed in the Undergraduate Nursing Student Handbook on a space-available basis, noting that they may be subject to new program requirements.
- The School of Nursing reserves the right to withdraw nursing students who fail to achieve and maintain academic or clinical competence, or who do not demonstrate professional

accountability or conduct. Unsafe and/or unethical practice constitutes grounds for immediate dismissal from the clinical component and/or the program.

- All students must comply with confidentiality according to HIPAA, School of Nursing, and university regulations.
- Other policies regarding progression/continuation are found in the Undergraduate Nursing Student Handbook.
- Nursing majors who, for any reason, withdraw from or drop a nursing course without prior permission of the School of Nursing may be subject to dismissal from the major.

Health

Nursing students are being developed as professional role models and are responsible for optimal health practices. Specific health-related documentation and certification are required before beginning the program, and must be current throughout the course of study. It is the responsibility of each student to provide appropriate and timely documentation as required. Students failing to comply with any of these requirements may be dismissed from the nursing program and/or be subject to monetary fine. It is the student's responsibility to report in writing to the School of Nursing any changes in his or her physical or psychological health.

English Proficiency

A university-level of English proficiency is necessary for academic success in nursing and for patient safety. Students for whom English is not their first language must first comply with university requirements as described elsewhere in this catalog.

In addition, before their applications to the School of Nursing will be considered, all students for whom English is not their first language must take and achieve specific scores on the TOEF-iBT, unless the applicant has successfully completed all K-12 education in English. Test fees are the responsibility of the student. Guidelines and policies can be obtained from the School of Nursing.

Non-Majors Enrolled in Nursing Courses

Students who have not been admitted to the nursing major but wish to enroll in nursing courses must first obtain permission of the course instructor(s) and the School's Dean.

Additional Costs

A user support fee is charged to each student's account each semester. This fee supports the purchase of equipment, materials and supplies in the practice labs and Learning Resource Center, as well as computer materials and software. The fee is paid with tuition following registration for specific courses.

In addition to regular university costs, students must provide their own transportation between the university campus and the clinical areas beginning with the first nurse course. Public transportation is limited, so provision for private transportation is essential. Clinical placements range up to 50 miles from campus.

Students are required to carry professional liability insurance in specified amounts during all periods of clinical experience. For Basic program students, this insurance is available under a group plan at a nominal cost to the student. LPN to B.S.N. and ADN to B.S.N. program students must carry their own professional liability insurance. Health requirement fees, laboratory fees, student uniforms and any necessary equipment are the responsibility of the student.

Programs of Study

PREREQUISITE AND CO-REQUISITE COURSES FOR THE NURSING MAJOR

Each prerequisite and co-requisite course listed below must be completed with a minimum grade of 2.00 on a 4.00 scale in order to be considered successfully completed.

- **Basic B.S.N. Sequence:** Students must successfully complete Biology 205 and 206, Chemistry 105 and Psychology 101 with a minimum cumulative GPA of 2.75 on a 4.00 scale before beginning the nursing program. Successful completion of Biology 201 and Psychology 320 is required before progression to the second semester sophomore-level nursing courses; successful completion of Statistics 231 is required before enrollment in Nursing 360.
- **LPN to B.S.N. Sequence:** Students must successfully complete Biology 201, 205 and 206; Chemistry 105; and Psychology 101 and 320 with a minimum cumulative GPA of 2.75 on a 4.00 scale before beginning the nursing program. Successful completion of Statistics 231 is also required prior to enrollment in Nursing 360.
- **ADN to B.S.N. Sequence:** Students must successfully complete Biology 201, 205 and 206; Chemistry 105; Psychology 101 and 320; and Statistics 231 with a minimum cumulative GPA of 2.75 on a 4.00 scale before beginning the nursing program.
- **RN-with non-nursing baccalaureate degree or higher to M.S.N. Program.** See options for registered nurses on page 90, and page 147.

Prerequisite and co-requisite courses

BIOL 201: Introductory Microbiology
 BIOL 205: Human Anatomy and Physiology I
 BIOL 206: Human Anatomy and Physiology II
 CHEM 105: Chemistry of Life (Organic and Biochemistry)
 PSYC 101: Introduction to Psychology
 PSYC 320: Development Across the Lifespan
 STAT 231: Introductory Statistics

All the above named courses are offered by academic departments other than the School of Nursing, and are administered by those respective departments in regard to scheduling, evaluation, grading and other matters. To be awarded a B.S.N. degree, all students must meet both nursing and university requirements.

B.S.N. SEQUENCE FOR BASIC STUDENTS

The curriculum plan for the Basic student, those who do not hold practical or registered nursing licensure, is designed to foster growth and professional accountability.

Nursing (NURS) courses must be taken concurrently or in sequence as indicated in the following sample curriculum, and, if the student is enrolled full time, normally extend over six semesters. Part-time enrollment is discouraged and must be approved by faculty and the School's dean. Students who have completed transferable nursing credit from another accredited institution should seek advisement from School of Nursing Admissions Coordinator(s) regarding their prospective curriculum plan.

All transfer credit must be approved before beginning the program.

FIRST YEAR (PRE-NURSING)

First Semester	
BIOL 205: Human Anatomy and Physiology I	4
PSYC 101: Introduction to Psychology	4
WRIT 101: Inquiry Seminar: Writing	4
PHED 100: Personalized Fitness	1
PHED Physical Activity	1

January Term	
GUR (First-Year Residency Requirement)	4

Second Semester	
BIOL 206: Human Anatomy and Physiology II	4
CHEM 105: Chemistry of Life	4
GUR	4
Inquiry Seminar 190: GUR	4

SECOND YEAR

First Semester	
BIOL 201: Introduction to Microbiology	4
PSYC 320: Development Across the Lifespan	4
STAT 231: Introductory Statistics	4
NURS 220: Nursing Competencies I	4
PHED Physical Activity	1

January Term	
STAT 231: Introductory Statistics	4
<i>Note: If not taken in the previous semester</i>	

Second Semester	
NURS 260: Professional Foundations	4
NURS 270: Health Assessment and Promotion	4
NURS 280: Pathological Human Processes	4
GUR	4
PHED Physical Activity	1

THIRD YEAR

First Semester	
NURS 320: Nursing Competencies II	2
NURS 330: Pharmacology & Therapeutic Modalities	4
NURS 340: Situations with Individuals: Adult Health I	4
NURS 350: Situations with Individuals: Mental Health	4

January Term	
GUR or Core Course <i>or</i> Required Nursing Course with Clinical Rotation	4

Second Semester	
NURS 360: Nursing Research and Informatics	4
NURS 365: Culturally Congruent Healthcare	4
NURS 370: Situations with Families: Childbearing	4
NURS 380: Situations with Families: Childrearing	4

FOURTH YEAR

First Semester	
NURS 420: Leadership and Resource Management	4
NURS 430: Situations with Communities	5
NURS 440: Situations with Individuals: Adult Health II	4
NURS 441: Situations Seminar	1

January Term	
GUR <i>or</i> Required Nursing Course - Clinical Rotation	4

Second Semester	
NURS 460: Health Care Systems and Policy	2
NURS 480: Professional Foundations II	2
NURS 499: Capstone: Nursing Synthesis	6
GUR or Elective	4

Note: A minimum of 128 semester credit hours is required for the baccalaureate degree. The sequence of required nursing courses comprises 70 semester credit hours. Please note that, due to clinical site availability, any student may be required to take a nursing course, such as but not limited to NURS 340, 350, 370 or 380, in January Term instead of Fall or Spring semesters.

B.S.N. SEQUENCE FOR LICENSED PRACTICAL NURSES

The L.P.N. to B.S.N. sequence of study is designed to provide career mobility for the experienced licensed practical nurse seeking a Bachelor of Science in Nursing degree. The sequence validates the prior knowledge and clinical competence of the L.P.N. and enables progression through the B.S.N. curriculum within five semesters following completion of the prerequisite courses.

L.P.N. students are strongly encouraged to make maximum progress toward completing general university requirements before beginning the nursing sequence.

PREREQUISITE COURSES

BIOL 201: Introductory Microbiology	4
BIOL 205: Human Anatomy and Physiology I	4
BIOL 206: Human Anatomy and Physiology II	4
CHEM 105: Chemistry of Life	4
PSYC 101: Introduction to Psychology	4
PSYC 320: Development Across the Lifespan	4

First Semester	
NURS 260: Professional Foundations	4
NURS 270: Health Assessment and Promotion	4
NURS 280: Pathological Human Processes	4
STAT 231: Introductory Statistics	4

Second Semester	
NURS 320: Nursing Competencies II*	2
NURS 330: Pharmacology and Therapeutic Modalities*	4
NURS 340: Situations with Individuals: Adult Health I*	4
NURS 350: Situations with Individuals: Mental Health*	4
*NOTE: Courses that may be waived based on demonstration of competency, a strong academic record, and more than one year of post-licensure experience. All course waivers must be established before beginning the program.	

SECOND YEAR

First Semester	
NURS 360: Nursing Research and Informatics	4
NURS 365: Culturally Congruent Healthcare	4
NURS 370: Situations with Families: Childbearing	4
NURS 380: Situations with Families: Childrearing	4

Second Semester	
NURS 420: Leadership and Resource Management	4
NURS 430: Situations with Communities	5
NURS 440: Situations with Individuals: Adult Health II	4
NURS 441: Situations Seminar	1

THIRD YEAR

Final Semester	
NURS 460: Health Care Systems and Policy	2
NURS 480: Professional Foundations II	2
NURS 499: Capstone: Nursing Synthesis	6
GUR or Elective	4

Note: A minimum of 128 semester credit hours is required for the baccalaureate degree. The LPN to B.S.N. sequence of required nursing courses comprises a maximum of 66 semester credit hours. Please note that, due to clinical site availability,

any student may be required to take a nursing course, such as but not limited to NURS 340, 350, 370 or 380, in January Term or Summer instead of Fall or Spring semesters.

General university and other specific requirements needed for completion of the baccalaureate degree are not listed above. Applicants to the LPN to BSN sequence are strongly encouraged to seek advising from the School of Nursing Admission Coordinator(s) for assistance with the completion of their program of study.

B.S.N. SEQUENCE FOR LICENSED REGISTERED NURSES

The A.D.N. to B.S.N. program begins with the foundation of the knowledge, skills and experience of the registered nurse and builds an expanded framework for advanced nursing practice in today's health care delivery systems. Designed for the registered nurse with at least one year of direct care nursing experience, this sequence enables students to earn both a bachelor's and a master's degree in nursing.

Upon successful completion of the B.S.N. degree with a cumulative 3.00 PLU grade point average, and successful completion of the Graduate Record Exam (GRE), the student may begin an expedited application process for the M.S.N. program. (See Graduate Studies.)

Nursing Prerequisite Courses

BIOL 201: Introductory Microbiology	4
BIOL 205: Human Anatomy and Physiology I	4
BIOL 206: Human Anatomy and Physiology II	4
CHEM 105: Chemistry of Life	4
PSYC 101: Introduction to Psychology	4
PSYC 320: Development Across the Lifespan	4
STAT 231: Introductory Statistics	4

Prerequisite General University Requirement Courses

Math Entrance Requirement	
Foreign Language Entrance Requirement	
Fine Arts: Art, Music, or Theatre	4
Literature	4
Philosophy (<i>excludes logic or critical thinking courses</i>)	4
Physical education: Four different activity courses, including PHED 100 (<i>See School of Nursing for specific exemptions to the PHED requirement</i>)	4
Social Sciences (SO)	4
Writing	4

For consideration for admission, applicants must have:

- Achieved a minimum (undergraduate) cumulative GPA of 3.00 on a 4.00 scale for admission to the undergraduate study and continuation to graduate study.
- Completed each nursing prerequisite course with a minimum

GPA of 2.00 on a 4.00 scale; cumulative GPA average in all prerequisites and co-requisite courses must be a minimum of 2.75 on a 4.00 scale.

- Achieved senior class status, (accumulation of 96 semester hours or 144 quarter hours) with a minimum of eight in transferable upper-division hours.
- Obtained unrestricted licensure as a registered nurse in the state of Washington.
- For continuation to graduate study, completion of the M.S.N. application process with a 3.00 GPA or better in all PLU coursework.

B.S.N. COURSE OF STUDY FOR A.D.N. PREPARED REGISTERED NURSES

(See Graduate Studies for M.S.N. course sequences.)

Prior to first semester in program	
Religious Studies 3xx (<i>upper-division, Line 1 or 2 only</i>)	4

First Semester	
NURS 365: Culturally Congruent Healthcare	4
NURS 399: Professional Portfolio Workshop	4
NURS 420: Introduction to Leadership & Management	4
NURS 430: Nursing Situations with Communities	5

January Term	
Religious Studies 3xx (<i>upper-division, Line 1 or 2 only</i>) <i>If not taken prior to program start</i>	4

Second Semester	
NURS 360: Nursing Research and Informatics	4
NURS 399: Professional Portfolio Workshop <i>(If not taken in the first semester)</i>	4
NURS 460: Health Care Systems and Policy	2
NURS 499: Capstone: Nursing Synthesis	6
NURS 478: Clinical Elective	3
Or Elective course or discipline related to advanced practice	4

REGISTERED NURSE-BACHELOR'S (RN-B) TO M.S.N.

A program designed for those who have previously earned a baccalaureate or higher degree in an academic discipline, an Associate Degree in Nursing, and are licensed as a Registered Nurse. Those interested are strongly advised to seek early advisement from the School of Nursing at 253.535.7672. See Graduate Studies section of this catalog for further details.

MINOR IN HEALTH SERVICES:

Health care is a complex system, which now represents more than 16% of the U.S. Gross National Product. Many disciplines outside of nursing require familiarity with systems and issues within health care. The Health Services minor is designed to support non-nursing majors, including biology,

business, chemistry, social work and other fields. Prior to declaration for a minor in Health Services, student must receive advising and approval from the School of Nursing. The Health Services minor requires the completion of 18 semester hours.

Required Core Courses	
NURS 100: Medical Terminology	1 or 2
NURS 460: Health Care Systems and Policy	2
PHIL 223: Biomedical Ethics	4

At least three courses from the following areas:

Diversity	
ANTH 102: Introduction to Human Cultural Diversity	4
ANTH 380: Sickness, Madness and Health	4
HEED 365: The Aging Experience: Worlds of Difference	4
NURS 365: Culturally Congruent Healthcare	4
PHED 362: Healing Arts of the Mind and Body	4

Administration	
ECON 323: Health Economics	4
NURS 420: Introduction to Leadership and Resource Management in Nursing	4
NURS 530: Resource Management	3

Physiologic Functioning	
NURS 280: Human Pathological Processes	4
NURS 330: Pharmacology & Therapeutic Modalities for Nursing	4
PHED 480: Exercise Physiology	4

Applied Health Care	
HEED 266: Nutrition, Health and Performance	4
HEED 281: Injury Prevention and Therapeutic Care	2
NURS 270: Health Assessment and Promotion	4
PHED 384: Foundations of Health & Fitness Mgmt	3

No more than eight semester hours from any one department will be counted toward the minor.

MASTER OF SCIENCE IN NURSING (M.S.N.)

Consult the Graduate Section of this catalog for details of the program leading to the Master of Science in Nursing degree and/or contact the School of Nursing Graduate Program on page 145 (253.535.7672)

ENTRY-LEVEL MASTER OF SCIENCE IN NURSING (EL-M.S.N.)

A cohort program designed for those who have previously earned a baccalaureate or higher degree in an academic discipline other than nursing. Those interested are strongly advised to seek early advisement from the School of Nursing at

253.535.8872. See Graduate Studies section of this catalog for further details.

SCHOOL NURSE CERTIFICATION

Contact the School of Nursing Continuing Nursing Education Office (253.535.7683).

Workshops and Short Courses

Contact the School of Nursing Continuing Nursing Education Office (253.535.7683).

The information contained herein reflects an accurate picture of the programs of study leading to degrees in Nursing from Pacific Lutheran University at the time of publication. However, the university reserves the right to make necessary changes in procedures, policies, calendar, curriculum and costs.

Curriculum Sequence

All nursing courses are sequential for students admitted to the nursing major, regular status or provisional. Successful completion of all courses in one semester is prerequisite to enrollment in the next semester's courses. All students admitted to the nursing major must adhere to the curriculum sequence as outlined by their approved academic program contracts. Failure to progress according to program plan for any reason may result in dismissal or a significant delay in graduation.

To view Nursing (NURS) courses, go to the PLU Directory of Approved Courses on page 199.

Philosophy

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Philosophy is the parent academic discipline that gave birth to today's variety of arts and sciences. It examines basic issues in all fields and explores connections among diverse areas of life. In philosophy the most fundamental and enduring of questions are addressed: How can humans gain knowledge about their world? What limits are there to that knowledge? What is the ultimate nature of the universe? In particular, what is the nature of the human person, and what role or purpose is ours? How should we live? Are there moral, aesthetic, and religious values that can be adopted rationally and used to guide our decisions? Study in philosophy acquaints students with major rival views of the world, encourages them to think precisely and systematically, and helps them to see life critically, appreciatively, and whole.

Faculty: G. Johnson, *Chair*; Cooper, Kaurin, McKenna, Phelps, van Hollebecke.

Uses of Philosophy

Courses in philosophy help students who (1) recognize philosophy as a central element in a quality liberal arts education; (2) wish to support their undergraduate work in other fields, such as literature, history, political science, religion, the sciences, education, or business; (3) plan to use their study of philosophy in preparation for graduate study in

Natural Sciences (NSCI)

The following course is offered under Natural Sciences. Other courses suitable for satisfying general university requirements and GenEd program elements may be found in the listings for each of the departments in the division.

NSCI 210: Natural History of Hawaii – NS, SM

The Hawaiian Islands are an active museum of geology and tropical island plant and animal life. The islands, the most isolated in the world, have native plants and animals—95 percent of which occur nowhere else. Students are expected to participate actively in daily lectures and fieldwork involving the geologic formation of Hawaii and its subsequent population by plants and animals, stressing the impact of human intervention. (4)

Norwegian (NORW)

NORW 101, 102: Elementary Norwegian

Basic skills in speaking, reading, listening and writing are introduced and practiced in an interactive classroom atmosphere. Readings introduce contemporary Norwegian culture and society. (4, 4)

NORW 201, 202: Intermediate Norwegian – C

Continuing development of written and oral skills, with a review of basic grammar, development of short essay writing, an emphasis on conversation, and an introductory overview of Norwegian history and society. Readings also offer insights into contemporary culture and provide springboards for students to express their own opinions.

Prerequisite: NORW 102. (4, 4)

NORW 301: Conversation and Composition – C

Review of grammar, and development of advanced written and oral skills. Contemporary fiction, non-fiction and film serve as models of style and usage, and as the basis for conversation and writing. **Prerequisite:** NORW 202. (4)

NORW 302: Advanced Conversation and Composition – C

Emphasizes the finer points of grammar and stylistics, focusing on the production of advanced written compositions and further refinement of conversational skills. Readings are drawn from literature spanning the last two centuries, and serve as the springboard for discussion. **Prerequisite:** NORW 301. (4)

NORW 499: Capstone: Senior Project – SR (4)

Nursing (NURS) Undergraduate

All courses unless otherwise specified, are open only to accepted nursing students.

NURS 100: Medical Terminology

Provides sound basis for individuals in health care to learn important words, their origins, derivatives, and abbreviations. Focuses on utilization of terms as applied to anatomical, physiological, and pharmacological topics. Pronunciation of terms emphasized. Knowledge from this course can be applied to any health care profession. Open to non-nursing majors, required for Health Services minor. (1 or 2)

NURS 220: Competencies I

Focuses on the core knowledge and competencies of therapeutic communication, and technical skills associated with health management. **Prerequisite:** Admission to the School of Nursing. (4)

NURS 260: Professional Foundations I

Focuses on nursing as a profession and discipline. The nursing process is introduced as a framework for critical thinking and caring. Open to non-nursing students with permission of instructor. **Prerequisite:** NURS 220. (4)

NURS 270: Health Assessment and Promotion

Focuses on the core knowledge and competencies necessary to perform health assessments and promote health across the life span. **Prerequisites:** Prior or concurrent with NURS 260 and 280. (4)

NURS 280: Human Pathological Processes

Focuses on human responses to major forms of pathophysiology. **Prerequisite for majors:** BIOL 201, 206 and CHEM 105. Non-majors must receive permission from the instructor. (4)

NURS 320: Competencies II

Focuses on the core knowledge and competencies of advanced technical skills associated with health management. **Prerequisites:** NURS 260, 270, 280, achievement of Junior I status. (2)

NURS 330: Pharmacology and Therapeutic Modalities for Nursing

Focuses on pharmacological principles of major drug classifications, therapeutic modalities, and alternatives to pharmacological interventions. **Prerequisite for majors:** NURS 280, achievement of Junior I status. Non-majors must receive permission from the instructor. (4)

NURS 340: Nursing Situations with Individuals: Adult Health I

Focuses on the core knowledge and competencies necessary to apply the nursing process to situations with individuals experiencing selected alterations in health. **Prerequisites:** Prior or concurrent enrollment in NURS 320 and 330, achievement of Junior I status. (4)



NURS 350: Nursing Situations with Individuals: Mental Health

Focuses on the core knowledge and competencies necessary to apply the nursing process to situations with individuals experiencing mental health issues. **Prerequisite:** Prior or concurrent enrollment in NURS 330, achievement of Junior I status. (4)

NURS 360: Nursing Research and Informatics

Examines principles of nursing and health care research, technologies, and databases that support evidence-based nursing practice. **Prerequisites:** Prior or concurrent with NURS 340 or 350 and STAT 231, achievement of Junior II status. (4)

NURS 365: Culturally Congruent Health Care – A

Focuses on core knowledge and competencies necessary to give culturally congruent care to people from diverse populations. Compares beliefs, values, and practices pertaining to health, care expressions, and well-being. Open to non-nursing students with instructor permission. **Prerequisite for majors:** NURS 270, achievement of Junior II status. (4)

NURS 370: Nursing Situations with Families: Childbearing

Focuses on the core knowledge and competencies necessary to apply the nursing process to situations with childbearing families. **Prerequisites:** NURS 320, 330, 340, 350, achievement of Junior II status. (4)

NURS 380: Nursing Situations with Families: Childrearing

Focuses on the core knowledge and competencies necessary to apply the nursing process to situations with infants, children, adolescents and their families. **Prerequisites:** NURS 320, 330, 340, 350, achievement of Junior II status. (4)

NURS 399: Nursing Portfolio Workshop

Portfolio writing designated to prepare registered nurses to complete a portfolio documenting prior experiential learning acquired in nursing practice. Open to ADN to B.S.N. students only. (4)

NURS 420: Introduction to Leadership and Resource Management in Nursing

Focuses on core knowledge and competencies related to beginning leadership and resource management skills. **Prerequisites:** NURS 360, 370, 380, achievement of Senior I status. (4)

NURS 430: Nursing Situations with Communities

Focuses on the core knowledge and competencies necessary to apply the nursing process to situations with the community as client. Prior or concurrent enrollment in NURS 420, achievement of Senior I status. (5)

NURS 440: Nursing Situations with Individuals: Adult Health II

Focuses on the core knowledge and competencies necessary to apply the nursing process to situations with individuals experiencing complex alterations in health. **Prerequisites:** NURS 360, 370, and 380, achievement of Senior I status. (4)

NURS 441: Senior Seminar

Exploration and integration of core knowledge and competencies related to complex alterations in the health of individuals experiencing complex alterations in health. **Prerequisites:** Prior or concurrent enrollment in NURS 440 and achievement of Senior I status. (1)

NURS 460: Health Care Systems and Policy

Analysis of the social, political, legal, and economic factors that influence health care including trends in health policy and ethical issues relevant to health care delivery. Open to non-nursing students with permission of the instructor. **Prerequisite for majors:** NURS 260, Senior II. (2)

NURS 478: Elective Clinical Experience

An exploration and application of nursing knowledge and roles in a selected clinical environment. Pass/fail option. Open to students who have completed their junior-level nursing courses and have received permission of the faculty. (1–4)

NURS 480: Professional Foundations II

Critical evaluation of role transition into professional nursing. **Prerequisite:** Concurrent enrollment in NURS 499, achievement of Senior II status. (2)

NURS 493: Internship Abroad (1–4)

NURS 499: Capstone: Nursing Synthesis – SR

Synthesis of core knowledge, competencies, professional values, and leadership skills in nursing situations mentored by a professional nurse preceptor. **Prerequisites:** NURS 420, 430, 440, 441, prior or concurrent enrollment in NURS 460 and 480, achievement of Senior II status. (6)

**Nursing (NURS)
Graduate**

NURS 523: Role of the Advanced Practice Nurse

Facilitates the development and transition into the advanced practice role through the analysis of legal, ethical, professional, social and practice perspectives. Roles of consultant, researcher, administrator, and expert clinician are explored. (3)

NURS 524: Advanced Health Promotion

Identification of health risks and protective strategies for diverse populations. (2)

NURS 525: Theoretical Foundations

Preparation for critique, evaluation, and use of a range of relevant theories that provide guiding perspectives for the provision of client-centered, clinically measurable advanced nursing practice. (3)

NURS 526: Nursing Leadership and Management

Introduction to policy, organization, and financing of health care. Preparation for provision of quality cost-effective care, participation in the design and implementation of care, and assumption of the leadership role in managing resources. (3)

NURS 527: Evaluation and Outcomes Research

Preparation for the critique and use of new knowledge to provide, change, and evaluate advanced nursing practice focused on client-centered, clinically demonstrable care. (3)

NURS 530: Resource Management

Management of resources in the planning, coordination, and/or delivery of health care with an outcome perspective at the