

GRADUATE PROGRAM

Three degrees are available at the master's level: Master of Science, master of nursing and master of public health. A post master's certificate option (PMCO) is offered in most specialties. At the doctoral level a doctor of philosophy is offered. Students are assisted in planning a program of study that will utilize their strengths and lead to achievement of their personal and professional goals.

Admission

Applications for admission to the graduate programs (M.S., M.N., M.P.H., P.M.C.O. and Ph.D.) are available online at www.ohsu.edu/son. Additional specialty and program information is available on the School of Nursing website or by contacting the School of Nursing Academic Programs Information by e-mail or in writing at:

School of Nursing
Academic Programs Information,
SN-4S
Oregon Health & Science University
3455 SW US Veterans Hospital Road
Portland, OR 97239-2941
Phone: (503) 494-7725
E-mail: proinfo@ohsu.edu
www.ohsu.edu/son

Application Deadline

Applications for admission to nurse practitioner or nurse-midwifery specialties are due December 1 for fall term entry. Applications for all other master's degree specialty offerings are due December 1 for spring and fall term entry and October 1 for winter term entry. Applications to the Ph.D. program are due December 1 for fall term entry. Graduate Record Examination (GRE) results must be forwarded to the Registrar's Office by the application deadline. The School of Nursing reserves the right to

process applications and admit students after the published deadline if space is available in the program. Applications received before December 1 may be evaluated early, and if found to be of exceptional quality, acceptance to the program may be offered before the deadline. If early notification is required, the applicant must request early review in writing and include this request in application materials submitted for review.

Applications received after the deadline will be evaluated and added to the alternate list if the criteria for admission are met. The alternate list is ranked according to the strength of the application and not in the order of receipt of application. After the beginning of the academic year the alternate list is dissolved. Applicants who want to be considered for admission the following year must reapply.

Applicants not admitted to the graduate program who wish to be considered for admission must reapply in succeeding years. If reapplying within one year, a new application form must be submitted to the Registrar's Office with the application fee. The new form will activate the existing file; however, consultation with the Office of Academic Program Information about updating application materials is strongly recommended. If reapplying after one year, a completely new application must be submitted, including professional and life experience statements, new transcripts, GRE scores and references. The Registrar's Office forwards the complete application to the School of Nursing for review and recommendation. Applicants are notified in writing of their admission status.

Application Requirements

Applicants must indicate the specialty area to which they are applying. Applicants must indicate if they desire full or part time study

on the application. The curriculum section of the specialty information for this requirement should be reviewed. Completed applications are sent to the Registrar's Office, inclusive of the following: official transcripts of all collegiate credit earned, three letters of recommendation from former teachers, employers and/or colleagues, and information addressing professional and life experiences. Doctoral applicants submit a sample of scholarly work (written in English) such as a recent publication, thesis or unpublished manuscript. Master's applicants are not required to submit samples of scholarly work. Graduate Record Examination (GRE) results are sent from the Educational Testing Services to the OHSU Registrar's Office.

Information regarding the applicant's professional and life experiences is addressed in the application and includes:

- Chronological data or resume that includes formal post baccalaureate course work, employment in nursing and other relevant areas, published writing or media material, presentations at professional meetings, and professional seminars or workshop attendance;
- A statement of the applicant's purpose in seeking graduate nursing education and understanding of the advanced practice role, including rationale for selecting a particular specialty area of the graduate program, what is hoped will be derived from the program, the particular areas of interest and concern, and aspirations after graduation;
- Experience in relation to the functional roles of practice, teaching, and administration, including evidence on independent roles, innovations, certification, and organizational responsibilities;
- Leadership experiences, including positions in professional, political, student or community organizations, and performance as a change agent in an organization;
- Any other significant personal or life experiences which have contributed to the applicant's role in the nursing profession, such as cross-cultural experience and community involvement.

Doctoral applicants: Scholarly experiences, including collaboration in or initiation of research and summary of other scholarly activities

All graduate applicants are required to take the GRE, except those applying to the post master's certificate option. The GRE needs to be taken early as the results take approximately six weeks to reach OHSU. Unofficial scores may be noted on the application pending receipt of the official scores from the Educational Testing Service. GRE preparation books are available in most college bookstores and review courses are available in some university and college settings. Although the GRE evaluates aptitude, it is still useful to study for the examination. There is no time limit for when GRE's were taken, however, a copy of official GRE scores must be submitted with the application. Information, applications, dates and administration sites for the GRE may be obtained from:

Educational Testing Service
Phone: (609) 771-7670
Fax: (609) 771-7906
PO Box 6000
Princeton, NJ 08541-6000
www.gre.org

Master's Degree Program

Admission Requirements

It is expected that most applicants have a BS in nursing or BSN degree from a program accredited by the National League for Nursing Accrediting Commission or the Commission of Collegiate Nursing Education, have an undergraduate GPA of 3.0 or greater, have a combined verbal and quantitative GRE score of 1,000 or above, be eligible for an Oregon registered nurse license, be licensed in the state of Oregon prior to matriculation and have a satisfactory working knowledge of statistics. (Some specialties require an applicant to have completed at least one year of clinical practice as an RN).

Master's students must have successfully passed a statistics course with a grade of "B" or better within five years prior to entry into the Master's program. If this requirement has not been met, the student will be required to take a statistics course (graduate or undergraduate) before entering the master's program. The statistics course will not count toward the master's degree requirements in the student's program of study.

Provisional status admission for a master's applicant may be granted to an applicant not meeting the GPA or other criteria, but whose professional record indicates potential. A student on provisional admission is required to maintain a 3.0 GPA in the first nine credit hours of nursing course work.

Academic Standards

It is expected that master's students in good standing will maintain a cumulative GPA of 3.0 and a GPA of 3.0 in the nursing major. In addition, it is expected that students will have earned a grade of C in no more than two

courses, receive no failing grades or unsatisfactory withdrawals or not passing grades, or have no more than two incompletes in courses. At the completion of each term, students whose academic performance does not meet the requirements for good standing will be placed on probation or dismissed from the program.

Time Limit

All requirements must be completed within a period of four years for master's and post master's students.

Load and Residence Requirement

Master's students are required to complete no less than 30 hours of the program in residence, and expected to develop a program of study with the assigned faculty adviser before completing 12 credits. The master's students full-time course load is nine credit hours.

Graduate Program Fees

Graduate program tuition and fees are set each year. No staff fee privilege for OHSU employees can be honored for the graduate program. In addition to tuition and other required fees, a health service fee must be paid for students admitted to OHSU School of Nursing campuses.

Program Description

The master's component at the School of Nursing has numerous specialty areas: Family Nurse Practitioner, Geriatric Nurse Practitioner, Psychiatric Mental Health Nurse Practitioner, Nurse-Midwifery, and Adult Health and Illness Clinical Nurse Specialist, and Master's In Public Health. Students are presented with learning experiences that

reflect the integration of theory, research and practice in nursing. Within courses, the relative emphasis on each of these elements varies. However, to ensure that students become clinically expert and able to utilize research approaches within their practice, the overall program of study reflects a balance of theory, practice and research.

Requirements

A minimum of 45 credits is required to obtain the master's degree, however, many master's and P.M.C.O. specialty areas require more credits to complete their degree programs. The candidate for the M.S. or M.P.H. degree conducts a master's research/practice improvement project. The M.N. degree does not require this project.

Students review and develop a program of study in consultation with an academic adviser. Both full- and part-time study are available. Applicants need to state full- or part-time status on the application.

Objectives

Upon completion of the master's component, graduates will be able to:

- Demonstrate advanced knowledge and specialized practice in the nursing care of individuals, families or communities;
- Use the research process to investigate clinical problems and to improve clinical practice; and
- Advance nursing through leadership in practice and professional activity.

Master's Program of Study — All Specialties

The master's curriculum is composed of a minimum of 45 credit hours. The range of credits varies with each specialty.

The core courses focus on concepts and processes central to advanced practice nursing.

<i>Master's Core Courses</i>	<i>Credits</i>
NURS 503 Master's Research/Practice Improvement Project*	3-6
NURS 510 Research Methods and Evidence-based Practice **	4
NURS 512 A Critical Analysis of Health Disparities	4
Total Core Credits	11-14
Statistics (if needed)**	3

* Not required for MN degree.

**Statistics credits do not apply toward the master's degree. Statistics should be taken at a university or community college and is a pre-requisite to Nurs510, usually offered fall term in the first year of the graduate specialty program. Master's students must have successfully passed a statistics course with a grade of "B" or better within five years prior to entry into the master's program.

Specialty Courses

Specialty nursing courses focus on concepts and processes of theory, practice and research specific to the specialty. Students should consult the descriptions that follow for required course work and credit hours in each specialty area. Specialty required courses are listed in each specialty section that follows.

Master's Specialty Programs

Adult Health and Illness Clinical Nurse Specialist

Adult Health and Illness Clinical Nurse Specialist specialty program encompasses the diagnosis and treatment of symptoms, functional problems, and risk behaviors of individual patients, their families, and groups in response to alterations in health status. This

specialty focuses on the nursing care of adults of all ages, drawing on evidence-based knowledge of the interaction among physiological, pathophysiological, developmental, and psychosocial processes and related phenomena. Illness management and health promotion are woven throughout the program, with emphasis on the movement of patients, their families, and groups across a trajectory of experiences and healthcare settings.

The program of study prepares Clinical Nurse Specialists (CNS) to provide advanced practice nursing in a variety of adult healthcare settings. Students develop competencies in designing services for patient populations, nursing personnel, and healthcare organizations. Clinical practice opportunities are provided in a variety of settings under the guidance of CNS mentors. Graduates are prepared to practice within healthcare organizations as direct care providers for target populations. The program of study includes sufficient hours of clinical practice for graduates to apply for state CNS certification and to take certification examinations offered in several areas by professional nursing organizations.

The Adult Health and Illness Clinical Nurse Specialties Master of Science degree program closed to new admissions as of July 1, 2004.

AHI-CNS Specialty Program Of Study	
<i>Required Courses</i>	<i>Credits</i>
Advanced Practice Nursing Core Courses	(23)
Nurs 514: Health Promotion and Health Protection (or CPH 537)	3
Nurs 515A: Advanced Physiology/Pathophysiology I	3
Nurs 515B: Advanced Physiology/Pathophysiology II	3
Nurs 517: Health Assessment/ Physical Diagnosis for Advanced Practice Nursing	4
Nurs 519A: Applied Pharmacology I	3
Nurs 519B: Applied Pharmacology II	2
Nurs 522: Advanced Practice Nursing Roles	2

and Issues	
CPH 537: Principles of Health Behavior (or Nurs 514)	3
Population Health Management Courses	(12)
Nurs 509A Practicum in Population Health Management (over 2 terms)	6
Nurs 516A: Applied Leadership Skills in Health Care Systems	3
Nurs 516B: Health Care Systems Management and Improvement	3
Adult Health & Illness Courses	(17)
Nurs 509B: Clinical Nurse Specialist Practicum (over 2 terms)	6
Nurs 525: Diagnosis and Treatment of Symptoms and Functional Problems in Adults and Elders	3
Nurs 526: Management of Complex Health Alterations in Acute and Chronic Illness	3
Nurs 527: Reflective Clinical Nurse Specialist Practice	5
Core Credits	8 - 11
Required Credits	52-55
Total Credits	60-63
Practicum Hours	510

Community and Public Health Nursing

As the 21st century begins, the community is a critical arena for meeting and solving major public health issues. Emerging diseases, the untoward effects of technology on the environment with resulting health effects, shifts in care management systems, and the increased emphasis on health promotion and disease prevention are increasing demand for creative applications of the health sciences. Community and public health nursing is key to fulfilling this demand.

Community and Public Health Nursing (CPHN) is a dynamic, innovative specialty that prepares registered nurses to provide nursing care to a variety of groups and populations in the community. Students in the CPHN program are encouraged to identify and explore the socio-cultural, economic, psychosocial, political, and organizational influences on the health care of populations.

The theory and practice of community and public health nursing reflects values and orientations associated with both nursing practice and public health. The CPHN program is rich with examples of care and programs that:

- Focus on vulnerable populations, especially the underserved and those at-risk for illness and less than optimal health;
- Reflect cultural understanding and advocacy;
- Seek and respect client voice in determining needs, programs and standards;
- Stress the importance of primary prevention and health promotion;
- Support multi-disciplinary collaboration in which the role of nursing is considered a valuable and necessary component;
- Rely on epidemiological data about patterns of health and illness in the population and associated host, agent and environmental factors;
- Show nurses as leaders of social movements, formulators of policy, program managers, and sensitive providers of care to individuals in the situations in which they live.

Graduates of the CPHN program are prepared to assume leadership roles in a variety of settings, including but not limited to community agencies and health departments, official and voluntary health agencies and organizations, business and industry, and schools and government.

The knowledge and skills needed by community and public health nurses emphasize work with groups, populations, and communities who have health risks and needs. The knowledge and skills differ in

many ways from those needed by nurses who work directly with individuals and families. Employers of community and public health nurses want nurses who are adept in collaborating with community leaders and with other health professionals to focus on major community health issues and the systems to address them. Community agencies want assurance that their nurses have advanced knowledge of program planning, implementation and evaluation, care management systems, public health sciences, and the principles and practice of community and public health nursing.

The core courses within this specialty provide opportunities for learning about public health nursing practice improvement strategies, health policy development, and the organizational basis of the healthcare system. The community and public health nursing specialty courses are intended to provide you with specific knowledge and skills for assessing the health of vulnerable populations, analyzing health disparities, and developing, implementing and evaluating programs that focus on mitigating health disparities through disease prevention and health promotion. Programs of study are designed to assure development of highly competent clinical nurse leaders in public health. Focus is on assessment, assurance, and policy interventions that affect the health of populations directly through the provision of nursing care to groups or indirectly by altering the elements that impinge on the health of the population. Students are encouraged to engage in critical thinking processes and to challenge themselves while exploring the often controversial and value-laden topics encountered in the community health setting.

The specialty welcomes qualified applicants who are new to community and public health practice, as well as those who are more experienced. Qualified applicants with a bachelor's degree in a field other than nursing may be considered. Students are expected to

use computer technologies such as internet, electronic mail, document sharing, and data management as learning modalities within the master's program as well as within their practice after graduation. Many courses within the program of study are online. To facilitate distance-delivered education, faculty will work with health care agencies to arrange precepted experiential learning opportunities.

The Community and Public Health Nursing specialty offers the following degree options to meet varied community and student needs. Other options include a Post-Master's Certificate. Check the School of Nursing Web site for up to date information.

- Master's of Public Health / Community and Public Health Nursing concentration. This degree requires 55-58 credit hours of study. The degree program is offered ONLINE.
- Ph.D. in Nursing and Master's of Public Health in Public Health Nursing dual degree. This dual degree option requires 130 credit hours of study.
- Ph.D. in Nursing and Master's of Public Health in Epidemiology and Biostatistics dual degree. This dual degree option requires 140 credit hours of study. Applicants to the dual degree option must apply to both the School of Nursing (SON) and School of Medicine (SOM) track of the Oregon Masters of Public Health Program (OMPH).

MPH Degree Program of Study	
<i>Required Courses</i>	<i>Credits</i>
MPH Core Courses	(16)
CPH 530 Biometry Survey	4
CPH 533 Epidemiology Survey	3
CPH 537 Principles of Health Behavior	3
CPH 539 Concepts of Environmental & Occupational Health	3
CPH 540 Policy, Organization and	3

Financing of Health Care	
CPHN Required Specialty Courses	(19)
NURS 507 A Public Health Seminar	3
NURS 535 Principles and Practice of Community Nursing	4
NURS 509A Practicum in Population Health Management	6
NURS516A Applied Leadership Skills in Health Care Systems	3
NURS516B Health Care systems Management and Improvement	3
Electives - Choose one set of nine credits from either school of Nursing, or one of the other tracks of the OMPH	9
Core Credits*	11-14
Required Credits	44
Total Credits for MS Degree	55-58

PHD/MPH Public Health Nursing Dual Degree Program of Study	
<i>Required Courses</i>	<i>Credits</i>
PhD Core Courses	37
Electives/Cognate (MPH core courses meet this requirement)	9
Substantive Theory courses	9
Pre-dissertation seminar	6
Dissertation (includes dissertation seminar)	27
Practicum (MPH practicum counts if research is a component)	3
MPH Public Health Nursing courses	
Master's Nursing Core	11
MPH Core	16
CPH 530 Biometry Survey	4
CPH 533 Epidemiology Survey	3
CPH 537 Principles of Health Behavior	3
CPH 539 Concepts of Environmental & Occupational Health	3
CPH 540 Health Systems Organization	3
CPHN Track	(13)
NURS 507 A Public Health Seminar	3
NURS 516A Applied Leadership Skills in Health Care Systems	3
NURS 516B Health Care Systems Management and Improvement	3
NURS 535 Principles and Practice of Community Nursing	4
Support courses	6
Total	128

**PHD/MPH Epidemiology and Biostatistics
Dual Degree Program of Study**

<i>Required Courses</i>	<i>Credits</i>
PhD Core Courses	37
Electives/Cognate (MPH core courses meet this requirement)	9
Substantive Theory courses	9
Pre-dissertation seminar	6
Dissertation (includes dissertation seminar)	27
Practicum (MPH practicum counts if research is a component)	3
<i>MPH Public Health Nursing courses</i>	
MPH Core	17
PH 512 Epidemiology I	4
PH 525 Biometry I	4
PH 517 Principles of Health Behavior	3
PH 518 Concepts of Environmental Health	3
PH 519 Health Systems Organization	3
<i>Epidemiology Biostatistics track</i>	(33)
PH 513 Epidemiology II	4
PH 514 Epidemiology III	4
PH 526 Biometry II	4
PH 527 Biometry III	4
PH 503 Thesis	12
PH 566 Current Issues	2
Foundations of Public Health*	3
Research Ethics**	1-3
Additional selected classes ***	~11
Total	140

* offered at PSU

** nursing Ph.D. core ethics course may count toward the MPH ethics requirement

***11 credits of advanced methods and substantive theory courses may be used to meet the requirement in the MPH for additional selected courses

or behavioral dysfunction. Study in this specialty field includes treatment and prevention of mental and emotional problems and mental disorders arising from interaction among biological and neurophysiological vulnerabilities, psychological and developmental factors and psychosocial and physical environmental stressors. Advanced practice psychiatric mental health nursing interventions are emphasized, including psychotherapeutic approaches that facilitate the development of clients' intrapersonal, interpersonal and system competencies, and the prescription and management of psychotropic medications. Supervised clinical experience with children, adolescents, adults and older persons, and with groups and families, are available in a variety of treatment settings, primarily community-based agencies and programs.

The Psychiatric Mental Nurse Practitioner specialty provides opportunities for master's degree and postmaster's certificate students in child and adolescent, adult, and geriatric concentrations. Students who select one of these options at the master's level complete all core and specialty requirements. Graduates are certified as practitioners by the Oregon State Board of Nursing and are eligible for national certification in their area of specialization.

Supervised Clinical Experience

Students are assigned to a faculty supervisor to plan clinical experiences and receive ongoing clinical supervision. Clinical experience begins in the second term of the program and continues until the student has met all clinical nursing course requirements. As students proceed through the program, they progressively assume more direct care responsibility for clients.

Clinical supervision is directed toward development of advanced, scholarly practitioners throughout the program. Clinical

Psychiatric Mental Health Nurse Practitioner

This specialty focuses on the promotion of mental health for individuals, families and groups across the life span. Psychiatric mental health nursing involves education, research and practice directed at the treatment of mental illness, and optimizing mental health. Mental health is defined by Healthy People 2010 as the ability of individuals to negotiate the daily challenges and social interactions of life without experiencing cognitive, emotional

supervision is an ongoing, weekly, collaborative process between each student, groups of students, faculty supervisors and clinical preceptors. Various models of supervision are used; the model selected is based on student learning needs and stage of professional development. Clinical sites are selected for the richness of experience offered, availability of a master's level or more highly prepared mental health provider, and the student's particular focus and learning objectives. Potential sites include community mental health centers, Veterans Affairs inpatient and outpatient programs, and other community agencies serving mentally ill rural and urban populations in Oregon. In a given term, an attempt will be made to coordinate the clinical experience with the course work in which the student is enrolled to allow the student an opportunity to synthesize theory, practice and research through experience in a single clinical setting.

Psychiatric Mental Health Nurse Practitioner Program of Study

The Psychiatric Mental Health Nurse Practitioner program provides education and clinical training in different geographical areas across the state. Coursework and interaction between faculty and students occurs in a variety of formats, including traditional classroom, video-conferenced classroom environments, CD-ROM formats, and online and web-based electronic synchronous and asynchronous methods. Students will gain experience in these technological environments and in doing so gain facility with current methods of communication, and information sharing and retrieval, which are important skills for PMHNP practice upon completion of the program.

Psychiatric Mental Health Nurse Practitioner Program of Study	
<i>Required Courses</i>	<i>Credits</i>
NURS 509K Practicum in Advanced Psychiatric Mental Health Nursing Roles: Adults; AND/OR	17
NURS 509KC Practicum in Advanced Psychiatric Mental Health Nursing Roles: Child & Adolescent	
NURS 514 Health Promotion and Health Protection	3
NURS 515A Regulatory Physiology/ Pathophysiology I	3
NURS 515B Regulatory Physiology/ Pathophysiology II	3
NURS 517 Health Assessment/Physical Diagnosis for Advanced Practice Nursing	4
NURS 519A Applied Pharmacology I	3
NURS 519B Applied Pharmacology II	2
NURS 522 Advanced Practice Nursing Roles and Issues	2
NURS 544 Child and Adolescent Development in Pediatric Nursing Practice	3
NURS 552 Understanding and Intervening in Common Mental Health Problems of Elders (Elective for Child Focus)	3
NURS 571A Assessment, Diagnosis, and Treatment in Advanced Psychiatric Mental Health Nursing: Child/Adolescents	3
NURS 571B Assessment, Diagnosis & Treatment in Advanced Psychiatric Mental Health Nursing: Adult	3
NURS 572A Child and Family Psychotherapy	3
NURS 572B Individual and Group Psychotherapy with Adults	3
NURS 574A Psychopharmacology: Adult	3
NURS 574B Psychopharmacology: Child and Adolescent	3
<i>Elective Courses</i>	
NURS 507F Introduction to Motivational Interviewing I	2
NURS 575 Rural Mental Health Issues	3
	Core Credits 8-11
	Required/Elective Credits 60-68
	Total Credits 68-75
	Practicum Hours 680

Primary Health Care Program: Family and Geriatric Nurse Practitioners

The primary health care nurse practitioner program prepares registered nurses to become a family nurse practitioner or a geriatric nurse practitioner. The focus of the program is on primary health care that is continuous, comprehensive care and includes strategies to promote health, assess and manage acute and chronic health problems, and consult and refer as needed.

The FNP student addresses the health care needs of individuals and families across the life span. The GNP student focuses on the needs of the elderly individual within a family context. Students in both the family and geriatric nurse practitioner areas gain a solid foundation in clinical practice. More than 600 hours of supervised clinical experience are completed during the program. Clinical experiences for the FNP students are arranged in a variety of settings including private offices, large health institutions such as HMOs, migrant and Indian Health centers, and county health departments. GNP students have clinical experiences in private offices, acute care settings, community clinics, and community-based long term care settings. All students obtain experiences in clinical sites serving rural and underserved populations.

Certification as a Nurse Practitioner

The nurse practitioner specialty provides opportunities for master's degree and postmaster's certificate students to specialize as a family or geriatric nurse practitioner. Students who select one of these options at the master's level complete all core and specialty requirements. Graduates may seek certification as practitioners from the Oregon State Board of Nursing and are eligible for national certification in their area of specialization.

Curriculum for the MS/MN Degree

All Master's PHC students complete a program of study that includes core graduate courses, advanced practice nursing core courses (pharmacology, health assessment, and pathophysiology), and specialty courses.

Master of science degree students complete the core courses required of all master's students. Master of nursing degree students complete all core courses except the research component.

Students may opt for full time or part time study, and must indicate their intended status in the purpose statement section of the application. Due to a limitation in clinical placements, preference is given to full-time applicants. There are a limited number of part-time positions available.

The master's level curriculum is composed of 69-74 credit hours. FNP and GNP students take the number of credits of required specialty courses depending on the practitioner specialty. The credits are distributed as follows:

Family Nurse Practitioner Program of Study	
<i>Required Courses</i>	<i>Credits</i>
NURS 509R Practicum in Primary Care Management I	2
NURS 509S Practicum in Primary Care Management II	4
NURS 509T Practicum in Primary Care Management III	6
NURS 509U Practicum in Primary Care Management IV	8
NURS 509W Ante partum and Postpartum Management for FNP's	1
NURS 514 Health Promotion and Health Protection	3
NURS 515A Regulatory Physiology/ Pathophysiology I	3
NURS 515B Regulatory Physiology/ Pathophysiology II	3
NURS 517 Health Assessment/ Physical Diagnosis for Advanced Practice Nursing	4
NURS 518 Reproductive Health Care	3

Management	
NURS 519 A Applied Pharmacology I	3
NURS 519 B Applied Pharmacology II	2
NURS 520 Introduction to Primary Care Management	3
NURS 521 A Adult Primary Care Management I	2
NURS 521 B Adult Primary Care Management II	3
NURS 522 Advanced Practice Nursing Roles and Issues	2
NURS 584 Ante partum & Postpartum Management	2
NURS 592 Advanced Primary Care Management	3
NURS 594 A Pediatric Primary Care Management I	2
NURS 594 B Pediatric Primary Care Management II	2
Core Credits	8-11
Required Credits	61
Total Credits	69-72
Practicum Hours	660

NURS 521 B Adult Primary Care Management II	3
NURS 522 Advanced Practice Nursing Roles and Issues	2
NURS 525 Diagnosis and Treatment of Symptoms and Functional Problems in Adults and Elders	3
NURS 552 Understanding & Intervening in Common Mental Health Problems in Elders	3
NURS 592 Advanced Primary Care Management	3
Core Credits	8-11
Required Credits	62-63
Total Credits	70-74
Practicum Hours	660

Nurse-Midwifery

The nurse-midwifery program prepares students to meet the unique health care needs of women. The influences of culture, tradition, and social, economic, and political forces, as well as reproductive physiology are studied. The program strives to prepare compassionate, skilled clinician-scholars willing to address issues that affect the lives of women. Faculty members in the nurse-midwifery program have three priorities for their graduates—a scientific basis for clinical practice, clinical competence, and a perspective that views a woman in the context of her family.

All faculty members in the nurse-midwifery program participate in a faculty practice. This practice serves as the primary learning site for students, allowing faculty to maintain and demonstrate clinical excellence while working side by side with students. Other clinical opportunities are provided in community health centers, health maintenance organizations, migrant health clinics and private practices. Students receive more than 600 hours of supervised clinical practice in the program. During the final practicum experience, students help to select their own experiences, which can be in any appropriate setting where a contract can be negotiated.

Geriatric Nurse Practitioner Program of Study	
<i>Required Courses</i>	<i>Credits</i>
NURS 509 R GNP-Practicum in Primary Care Management I	2
NURS 509 S GNP-Practicum in Primary Care Management II	4
NURS 509 T GNP-Practicum in Primary Care Management III	6
NURS 509 U GNP-Practicum in Primary Care Management IV	8
NURS 509Z Long-term Care Practicum	2-3
NURS 514 Health Promotion and Health Protection	3
NURS 515A Advanced Physiology/Pathophysiology I	3
NURS 515B Advanced Physiology/Pathophysiology II	3
NURS 517 Health Assessment/Physical Diagnosis for Advanced Practice Nursing	4
NURS 518 Reproductive Health Care Management	3
NURS 519 A Applied Pharmacology I	3
NURS 519 B Applied Pharmacology II	2
NURS 520 Introduction to Primary Care Management	3
NURS 521 A Adult Primary Care Management I	2

The program requires six quarters of full-time study.

The faculty believes that excellence in practice is built upon a foundation of relevant theory and research. Recognition of the value of nurse-midwifery and nurse practitioner roles and meaningful advances in practice are unlikely to occur in the absence of careful descriptions of phenomena of interest and the testing of new approaches. It is incumbent upon these specialties to document their efficacy in the health care of women and their families.

Certification and Licensure

Completion of the nurse-midwifery program allows the student to take the certification examination offered by the ACNM Certification Council, Inc.

Curriculum for the MS/MN Degree

MS students complete the core courses required of all master's students. MN students complete all core courses except for the research course sequence. Faculty have designed the specialty courses to complement the core knowledge and to provide students with the unique population focus necessary to successfully practice in their specialty. Nurse-midwifery students complete an additional 65 credits beyond the core course requirements. The program may be taken full or part-time. Selection of intention of status must be stated in the goals statement section of the application.

Nurse-Midwifery Program of Study	
<i>Required Courses</i>	<i>Credits</i>
NURS 507B Fundamentals of Teaching Nurse-Midwifery Students	3
NURS 509L Practicum in Ante partum and Postpartum Management	2
NURS 509M Practicum in Nurse-Midwifery Mgmt of the Intrapartum Period	3
NURS 509N Practicum in Nurse-Midwifery Management I	3

NURS 509O Practicum in Advanced Women's Health Care Management	2
NURS 509P Practicum in Nurse-Midwifery Mgmt II	4
NURS 509Q Advanced Practicum in Nurse-Midwifery	8
NURS 509Y Primary Care Practicum for Nurse-Midwives	1
NURS 515A Advanced Physiology/ Pathophysiology I	3
NURS 515B Advanced Physiology/ Pathophysiology II	3
NURS 517 Health Assessment/Physical Diagnosis for Advanced Practice Nursing	4
NURS 518 Reproductive Health Care Management	3
NURS 519A Applied Pharmacology I	3
NURS 519B Applied Pharmacology II	2
NURS 522 Advanced Practice Nursing Roles and Issues	2
NURS 581 Nurse-Midwifery Management of the Intrapartum Period	3
NURS 582 Management of the Newborn	3
NURS 583 Foundations of Midwifery Care During the Reproductive Cycle	4
NURS 584 Ante partum & Postpartum Management	4
NURS 585 Primary Care for Nurse-Midwives	4
NURS 588 Advanced Women's Health Care Management	2
Core Credits	8-11
Required Credits	65
Total Credits	73-76
Practicum Hours	690

Graduate Entry Program

Psychiatric Mental Health Nurse Practitioner and Nurse-Midwifery

The graduate entry program is designed for individuals with a bachelor's degree or higher in a field other than nursing, which desire to transition into nursing. This program will be a three-year master's program aimed at educating individuals as midwives or psychiatric/mental health nurse practitioners. Although considered innovative, nationally there is a 25-year history of success with this

type of program and general consensus that these programs produce excellent advanced practice nurses.

The first year of this program, the pre-licensure portion, is designed to deliver basic nursing education preparing students for the state-licensing exam for the registered nurse. The remaining two years are the master's specialty offerings for either midwifery or psychiatric mental health nurse practitioner. Upon completion of the program, graduates will be awarded either a master of science or master of nursing degree. Graduates will be eligible to take national certification exams for advance practiced roles in either of those two specialties. (See graduate specialty program courses for PMHNP or NMW).

Graduate Entry Program of Study

Prerequisites to Admission	Credits
Human Anatomy and Physiology	12
Chemistry (including Biochemistry)	12
Microbiology	4
Statistics (descriptive and inferential)	3
Nutrition	3
General Psychology	3
General Sociology	3
Human Development (lifespan)	3
Cultural Anthropology	3
Program of Study (Pre-Licensure)	
NURS 360 Health Assessment	3
NURS 361 Clinical Practicum	2
NURS 362 Health Promotion	2
NURS 368 Introduction to Clinical Nursing	3
NURS 369 Practicum	4
NURS 370 Foundations of Nursing Practice	2
NURS 374 Clinical Pharmacology	3
NURS 372 Pathophysiology	3
NURS 354 Chronic Illness/Family	4
NURS 386 Nursing Care of Families During Health and Illness	4
NURS 387 Nursing Care of Families During Health and Illness Practicum	5
NURS 476 Ethics in Nursing	3
NURS 484 Mental Health Nursing	4
NURS 485A Mental Health Practicum I	2
NURS 356 End of Life Care	4

NURS 384 Nursing Care of Adults with Physiological Alterations	4
NURS 385 Nursing Care of Adults with Physiological Alterations: Practicum	5
NURS472 Leadership and Management in Nursing	3
NURS 485B Mental Health Practicum II	2
NURS 486 Community Health Nursing	4
NURS 487 Community/Mental Health	5
NURS485C Mental Health Practicum III	
NURS 309C Labor and Delivery Practicum*	2
Prerequisites to Admission	46
Graduate Entry Credits	72-74
Psychiatric Mental Health Nursing or Nurse-midwifery Required Credits	70-77
Total	188-197
*Required for Midwifery students only	

Post-Master's Certificate Option

For those wishing to pursue further graduate education that already have a master's degree in nursing, the School of Nursing offers post master's certificate options in most specialties. The application process is the same as the master's process, except GRE's are not required. Admission is limited by space availability and programs may be taken either full time or part time.

The P.M.C.O. in Nursing Education

Nurse educators have a wide variety of experiences in their roles in a school or college of nursing or health care agency. They teach, participate in clinical practice, provide service and engage in scholarly activities. In the Northwest, master's-prepared faculty members work primarily in associate degree and baccalaureate programs.

The P.M.C.O. in nursing education is intended for nurses with a master's in a clinical nursing specialty or a bachelor's degree in nursing and a master's in a related

field. Seventeen to 27 credit hours of course work are available. For the person with a master's in nursing the program of study requires a minimum of 17 credit hours. For the person with a baccalaureate in nursing and a master's in a related field, the program of study requires a minimum of 27 credit hours, at least 10 of which must be in advanced nursing. Programs of study are tailored to supplement the master's in a related field providing relevant advanced nursing content as well as learning experiences in the practice of teaching nursing. Students in the P.M.C.O. in nursing education will take courses from OHSU and may take two courses at Washington State University, Vancouver, at the resident rate. Course formats will include intensives, Web-based modalities and faculty-facilitated seminars and practica.

of Nursing endorses a relationship between faculty and doctoral students based on the concept of mentorship. Students are therefore encouraged to work with their advisors to identify faculty whose program of research matches their research interests. One central goal of mentorship is to create a community of scholars. Mentor activities provide a structure for the creation of such communities. Research practica and research assistantships are two such activities. Other activities that serve to create the community of scholars include research presentations sponsored by the research centers (Center for Family Care in Oregon, Center for Health Disparities Research, and Symptom Management Research Center) and research seminars sponsored by the research council.

Two types of mentorship experiences are available: long-term and brief. Long-term mentorship occurs between well-prepared and experienced faculty advisors and students. This relationship focuses on activities designed to enhance student's research capabilities and conduct of the dissertation. It is within this mentorship that the individually constructed portions of the program of study are developed based on the student's research goals. Brief mentorship occurs between students and other faculty with special expertise or experiences that provide opportunities for students to meet specific learning objectives to enhance their research skills. Students may engage in other scholarly activities, teaching, or community services with a variety of people, including researchers, faculty clinicians, and other students. Both long-term and brief mentorship occurs in the context of a mutually agreed upon relationship between students and mentors.

Nursing Education (Post-Master's Certificate Option only)	
<i>Courses</i>	<i>Credits</i>
NURS 507A Advanced Concepts in Nursing: Selected Topics	1
NURS 509AA Practicum in Clinical Teaching	3
NURS 561 Curriculum and Instructional Design in Nursing	3
NURS 562 Assessment and Learning in Nursing	4
NURS 563 Simulation in Nursing Education	3
NURS 564 Clinical Teaching	3
Required Credits	17
Total Credits	17*
Practicum Hours	30

*10 additional credits needed for students without a master's degree in nursing.

Ph.D. Program

An advisor is assigned to doctoral students the first year of the program to assist the student with the program of study and other advising issues. At the same time, the School

Ph.D. Expectations

- Recognize, analyze and interpret assumptions
- discuss 'trade-offs' made in decision

regarding issues in research ,theory, and practice

- place research in the context of prior work and integrate theory, practice and research

Ph.D. Program Objectives

Upon completion of the doctoral program, graduate will be able to:

- Conduct research that generates, test, refines or extends practice relevant theory and knowledge for nursing;
- Evaluate critically and synthesize research findings for building nursing knowledge and use that knowledge for research, practice, advocacy or policy development.
- Promote continued advancement of the discipline of nursing through leadership, research and practice and
- collaborate with other disciplines in health-related research and practice responsible to the needs and concerns of society.

Ph.D. in Nursing Requirements

The OHSU School of Nursing offers both a post-baccalaureate doctoral program and a post-masters doctoral program. The post-baccalaureate program requires a minimum of 113 credits of graduate course work and a completed dissertation summarizing independent research for a doctor of philosophy degree in nursing. The post-masters program requires a minimum of 90 credits beyond the master’s degree as well as the completed research dissertation in order to obtain the doctor of philosophy degree in nursing.

Ph.D. Program of Study

<i>Required Courses</i>	<i>Credits</i>
<i>Post-Baccalaureate Curriculum</i>	
The post-baccalaureate doctoral curriculum is composed of 113 credit hours distributed as follows:	
Masters Core Courses	8
Knowledge Development Seminars	12
Nursing Research Core Courses	37
Substantive Theory Courses	12
Electives/Cognate	9
Pre-dissertation Seminar	6
Research Practicum	2
Dissertation	27
Total Credits	113

<i>Post-Master's Curriculum</i>	
The post-masters doctoral curriculum is composed of 90 credit hours distributed as follows:	
Nursing Research Core Courses	37
Substantive Theory Courses	9
Electives/Cognate	9
Pre-dissertation Seminar	6
Research Practicum	2
Dissertation	27
Total Credits	90

Statistics: Each entering student is required to have an upper division statistics course that includes inferential statistics either within five years before entering the program or within the first quarter of the student’s program.

<i>Masters Core Courses</i>	
For post-baccalaureate students, there are two required masters core courses. These are described in greater detail in the Advanced Nursing Program.	
NURS 510 Research Methods & Evidence-Based Practice	4
NURS 512 Critical Analysis of Health Disparities	4
Total Masters Credits	8

Knowledge Development Seminars
These seminars are designed for the post-baccalaureate doctoral student. One focuses on the exploration of how knowledge is developed and related to selected core concepts in nursing. The second one examines and develops skills in the integration of nursing theory, practice, and research. Two seminars are offered the first

3 quarters of the post-baccalaureate program:	
NURS 607O Nursing Knowledge Seminar, 1 X 3	3
NURS 607P Clinical Application Seminar, 3 X 3	9
Total Knowledge Development Credits	12
<i>Nursing Research Core Courses</i>	
Nursing research core courses focus on concepts and processes of theory development and research central to the discipline of nursing. The core courses in the Ph.D. component are designed to provide students with the conceptual and technical skills needed to meet the program objectives.	
NURS 610 A; Conceptualization in Nursing Research	3
NURS610 B; Research Design	3
NURS 612 A; NURS 612 B Nursing and Philosophy of Science I & II	4
NURS 616 A; NURS 616B Qualitative Methods for Nursing Research I & II	6
NURS 617 A; NURS 617B Inferential Statistics I & II	6
NURS 618 Advanced Measurement	3
NURS 620 Ethics in the Conduct of Research	3
NURS 654 Health Disparities	3
NURS 656 Theoretical perspectives for Research in Nursing	3
NURS 657 Synthesis of Nursing Literature	3
Total Research Core Credits	37

Substantive Theory & Knowledge Courses

Doctoral students choose to focus their studies in one of several areas of research strengths within the School of Nursing. Faculty mentors provide the guidance in developing programs of study, research opportunities, and collegial relationships. The School has depth of research and scholarship in symptom management in life-threatening illness (e.g., heart disease and cancer) and chronic conditions (e.g., fibromyalgia), family care-giving, healthy aging and elder care, domestic violence, and parenting. We are also building research programs in the areas of health disparities research, symptom

management during labor and birth, and end-of-life care. These areas of expertise are reflected in the range of Substantive Theory & Knowledge Courses that are offered. Post-baccalaureate students choose any 4 courses for a total of 12 credits; post-masters students choose any 3 courses for a total of 9 credits. Students may choose from the following 3-credit courses:

- NURS 625 Design & Analysis for Nursing Intervention Studies
- NURS 640 Symptom Management
- NURS 641 Exercise Intervention for Prevention & Management of Chronic Disease
- NURS 642 Cross Cultural Perspectives
- NURS 643 Family Care Across the Lifespan
- NURS 644 Violence & Trauma
- NURS 650 Contemporary Policy Issues in Gerontology
- NURS 651 Nursing Research: Independent Older Adults
- NURS 653 Nursing Research: Older Adults Needing Assistance

Electives/Cognate

All doctoral students are required to take 9 credits of elective or cognate courses. These are expected to be a coherent set of graduate courses that supports the student's program of research (i.e., substantive theory or statistics), or that supports preparation for the nurse educator component of the full academic role.

Pre-Dissertation Seminar

A pre-dissertation seminar is provided doctoral students each quarter in order to facilitate the development of the research

aims, fellowship and grant proposals, and the dissertation proposal. A minimum of 6 credits is required, although students are likely to acquire more. Enrollment in this seminar is required until the dissertation proposal is approved. At that time, the student will move to the dissertation seminar with other students engaged in the conduct of the dissertation study.

Research Practicum

A research practicum is required for a minimum of 2 credits; again, more may be taken. The practicum is designed to support the student's research goals for the dissertation and/or program of research. Practicum opportunities may be identified within the long-term mentorship relationship or with other faculty researchers for brief and focused experiences.

In addition to the areas of research expertise in the School of Nursing that are identified above, doctoral students may collaborate with researchers across disciplines. The School is affiliated with other acclaimed OHSU research centers, including the Cancer Center, the Heart Research Center, the Center for Healthy Aging, and the Center for Women's Health. Such interdisciplinary experiences are typically identified with and facilitated by the student's research mentor.

Ph.D. Benchmarks

There are three benchmarks for doctoral students: a comprehensive examination, an oral candidacy examination, and the defense of the dissertation. The comprehensive examination tests the student's integration and synthesis of knowledge development processes and research methodology. It assesses the student's readiness to proceed with developing the dissertation proposal.

This exam is taken after the completion of the core courses (37 credits). The oral candidacy exam ascertains the student's readiness to proceed to dissertation research by evaluating the breadth and depth of his/her knowledge in the fields related to his/her research interest. In addition, the student presents and defends the dissertation proposal. Students may take the candidacy exam at the completion of all course work. The dissertation defense is a rigorous public defense of the outcomes of the student's dissertation research.

Dissertation

The dissertation is expected to reflect the integration of theory, practice, and research. The research is conducted and the dissertation is prepared under the supervision of a faculty adviser selected by the student. The Dissertation Committee consists of a minimum of three members; at least two of the committee members, including the chairperson, must be faculty in the School of Nursing. After completion of the dissertation, candidates are examined orally on their dissertation content by the Dissertation Committee in a public forum.

Residence Requirement

Students are required to fulfill a residency requirement of three consecutive terms. Nine credit hours are considered full-time study for doctoral students on the Portland campus or 6 credit hours for doctoral students in regional Ph.D. program. Doctoral students are required to file a Program of Study form prior to completing 27 credit hours of course work. The program is approved by the academic advisor and filed in the student file.

Academic Standards

Doctoral students in good standing are expected to have a cumulative GPA of 3.0. Students are placed on probation if more than two 2.0 grades are earned or a grade of 0, NP or WU is earned and/or program benchmarks are not passed in a timely manner. Students are dismissed if more than one failing grade is earned, more than three 2.0 grades are earned, or a combination of 2.0 and failing grades are earned.

Time Limit

All requirements, including successful defense of the dissertation, must be completed within a period of seven years after matriculation into the doctoral program.

Post-Ph.D. Program

Postdoctoral research training is available at the School of Nursing. Through a variety of funding mechanisms, including institutional and individual National Research Service Awards (NRSA) and other special arrangements, both national and international post doctoral fellows can be accommodated.

Research training opportunities are available in areas of faculty expertise. To date, postdoctoral fellowships have been most readily available through the T32 Institutional NRSA research training grants. One training grant has focused on nursing research in the care of older persons and the other has focused on risk assessment and intervention research with individuals and families. Individual postdoctoral fellowships can be obtained through the F33 mechanism (see: National Institute of Nursing Research at:

<http://ninr.nih.gov/ninr/research/dea/restype.html>) funded by NINR. Although these fellowships are typically 2 years in duration, post doctoral research training can range from three months to three years. Outcomes of training include further development of the fellow's program of research through the conduct of pilot projects, preparation of grant applications, publications, and presentations.

Postdoctoral research programs are individually negotiated between fellows and one or more faculty sponsors. Applicants interested in obtaining postdoctoral research fellowships at OHSU School of Nursing should contact the faculty whose area of interest best matches their own and negotiate a possible sponsor relationship.

Non-degree Enrollment

Students who are graduates of an accredited school of nursing and who have a baccalaureate degree may register for courses with the prior consent of the instructor as a non-degree or post-baccalaureate student. Individuals who are not registered nurses and who have baccalaureate degrees in other disciplines may, with the permission of the instructor, register for courses that do not involve contact with patients or clients.

All course prerequisites must be met. Students will be allowed to take up to nine credits of course work without formal admission to a degree program. There is no commitment that course work taken under this classification will apply toward a graduate degree. Application for non-degree status is located on the School of Nursing website at: www.ohsu.edu/son