DOCTOR OF PHILOSOPHY IN NURSING SCIENCE
NON–SON REQUIREMENTS & ELECTIVES SHEET

These lists are not exhaustive; students are reminded to discuss potential courses with their advisor/chair.

As the SoN does not oversee these courses, times/days are not guaranteed. For additional course details, such as specific dates (if applicable), instructor(s), location, etc, please visit the UW time schedule at: http://www.washington.edu/students/timeschd/.

Epidemiology Courses (4 credits)

EPI 511 Intro to Epidemiology (4)

OR the sequence

EPI 512 Epidemiology Methods I (4)
EPI 513 Epidemiology Methods II (4)

Clinical Trials Course (3 credits)

BIOST 524 Design of Medical Studies (3)
BIOST 525/EPI 556 Advanced Methods for Global Health III (4)
EDPSY 596 Experimental Design and Analysis (3)
PHRMRA sequence (must complete both):
1. PHRMRA 524 Introduction to Clinical Trials (3)
2. PHRMRA 525 Implementation and Conduct of Clinical Trials (3)

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Policy Requirement Courses (2 credits)

EDLPS 568 Policy Evaluation in Education (3)
ENV H 473 Environmental Health Policy and Practice (4)
G H 523 Policy Development and Advocacy for Global Health (3)
HSERV 511 Introduction to Health Services and Public Health (3-4)
HSERV 553 Health Policy Development and Advocacy in the United States (4)
LAW H 518 Legal and Policy Solutions to Improve Global Health of Women, Adolescents, and Children (1-2, max. 2)
LAW H 520/PHG 523 Genetics and the Law
LAW H 521 Medicare and Medicaid Finance and Reimbursement (2-3)
LAW H 522 Affordable Care Act Seminar: Legal and Policy Issues in Health Reform Implementation (2)
NSG 551 Health Politics and Policy (3)
NSG 573 Systems Thinking for Population Health (3)
NSG 575 Leadership for Population Health (3)
NUTR 512 United States Food Systems Policy (3)
PPM 504 Perspectives on Institutions (4)
PPM 508 Public Policy Processes (4)
PUBPOL 501 Legislative Relations (4)
PUBPOL 506 Ethics and Public Policy (3/4)
PUBPOL 568 Social Justice and Public Policy (3/4)
PUBPOL 570 Foundations of Social Policy (3)
PUBPOL 573 Topics in Education and Social Policy (3-5, max. 20)
PUBPOL 585 Topics in Science, Technology, and Public Policy (3-5)
PUBPOL 595 Topics in Environmental Policy and Management (3-5, max. 20)
PUBPOL 599 Special Topics (1-6, max. 28)
SOC W 521 Child and Family Inequalities: Policy/Services Platform (3)
SOC W 526 Social and Healthcare Policy in an Aging Society (3)
SOC WL 554 Analytical Perspectives on Social Welfare Policy (3)
SPH 481 Ethics, Social Justice, and Policy in Public Health (5)

DOCTOR OF PHILOSOPHY IN NURSING SCIENCE NON–SON REQUIREMENTS & ELECTIVES SHEET

Advanced Nursing Science or Nursing Methods Electives (6 credits)

Advanced Methods Course:

B H 527 Social Science Research Methods (3)
B H 552 Advanced Qualitative Methods (4)
BIOST 536 Categorical Data Analysis in Epidemiology (4)
CS&SS 544 Event History Analysis for the Social Sciences (5)
CS&SS 560 Hierarchical Modeling for the Social Sciences (4)
CS&SS 566 Causal Modeling (4)
EPI 515 Advanced Epidemiologic Methods I (3)
EPI 516 Advanced Epidemiologic Methods II (4)
EDPSY 575 Structural Equation Modeling I (3)
SOC 529 Structural Equation Models for the Social Sciences (3)
SOC WL 581 Qualitative Research Methods and Design (3)
SOC WL 586 Qualitative Methods in Social Work Research II (3)
URBDP 519 Qualitative Research Methods (3)

School of Nursing PhD Electives:

Even Years (2024, 2026 etc)
AUTUMN NMETH 583 Advanced Qualitative Methods (4)
WINTER NMETH 595 Design of Theory-based Behavioral Interventions (3)
SPRING NMETH 584 Physiologic Measures (4)

Odd Years (2023, 2025 etc)
AUTUMN NMETH 588 Mixed Methods for the Health Sciences (4)
AUTUMN NURS 581 Global health Nursing (3)
WINTER NMETH 594 Innovations in Health Systems Delivery: Implementation and Measurement (3)

Starting 2023: NURS 595 Dissertation Colloquium A/W/S

Annual Basis
PhD students have access to DNP Y1 and relevant Y2 courses starting with NURS, NSG, or NMETH prefix (no NCLIN) as electives on a space available basis, after DNP students.
NURS 540 Biology to Society Seminar (required for those on the B2S T32 training grant) offered A/W/S
NURS 505 RiNGH Seminar (required for those on the T32) offered A/W/S

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Related Field Courses (6 credits)

EPI 548 Research Methods for Social and Contextual Determinants of Health (3)
EDPSY 581 Seminar in Educational Psychology (1-5, max. 20)
ENV H 538 Public Health and the Built Environment (2)
ENV H 565 Geographic Information Systems (GIS) in Public Health (3)
ENV H 580 Environmental and Occupational Health Sciences Seminar (1, max. 21)
G H 511 Problems in Global Health ([0-4]-, max. 4)
HSERV 555 Health Disparities (2)
HSERV 579 Structural Racism and Public Health (1)
PHARM 501 Alternative and Complementary Medicines (2)

Statistics Courses (12 credits)

Please see the "APPROVED STATISTICS SEQUENCES FOR PHD" sheet at the end of this document.

What options are there for the statistics course sequence?

• Biostatistics 511, 512, and 513 sequence (12 credits total, so fulfills the PhD requirement)

• Biostatistics 517, 518 (8 credits total, plus 4 additional credits to fulfil required 12 credits)

How to choose between 511/512/513 and 517/518 sequence: *https://www.biostat.washington.edu/academics/courses/sequences*

• Sociology 504, 505, and 506 sequence (9 credits total), plus 3 additional statistics credits to fulfill the required 12 credits. Non-SOC grads must email *socgpa@uw.edu* for an add code

• Educational Psychology statistics sequence, EDPSY 490, EDPSY 538, EDPSY 539 or 575 or 576, (9 credits total), plus 3 additional statistics credits to fulfill the required 12 credits.

• Psychology 522, 523, 524, and 525 (12 credits total). PSYCH 522 and 524 are taken concurrently for Fall quarter, PSYCH 523 and 525 are taken concurrently Winter. Note: Because of course schedule change, overlaps with NURS 587 Leadership Seminar, so currently not an option for Y1.

APPROVED STATISTICS SEQUENCES FOR PHD

BIOSTATICS SEQUENCES – *Choose either the Medical Biometry sequence or the Applied Biostatistics sequence*	
MEDICAL BIOMETRY BIOST 511 Medical Biometry I (4) BIOST 512 Medical Biometry II (4) BIOST 513 Medical Biometry III (4)	**APPLIED BIOSTATISTICS** *(add 4 more credits of statistics to make 12)* BIOST 517 Applied Biostatistics I (4) BIOST 518 Applied Biostatistics II (4)

EDUCATIONAL PSYCHOLOGY SEQUENCE – *Create a sequence from the following (see linked diagram for additional information on sequencing)*

1. EDPSY 490 Basic Educational Statistics (3) *Offered A,W,Sp,Su*

2. Continue sequence from the following:

   A. *Prerequisite EDPSY 490 (choose one):*
   EDPSY 513 Survey Instrument Development (3)
   EDPSY 517 Applied Measurement in Educational Research (3)
   EDPSY 538 Multiple Regression (3)

   B. *Prerequisite EDPSY 538 (choose one):*
   EDPSY 576 Multilevel Modeling (3)
   EDPSY 575 Structural Equation Modeling I (3)
   EDPSY 539 Classic Test Theory Reliability and Validity (3)
   EDPSY 595 Monte Carlo Simulations (3)

   C. *Prerequisite EDPSY 576 (choose one):*
   EDPSY 596 Experimental Design and Analysis (3)
   EDPSY 597 Network Measurement and Analysis (3)
       EDPSY 513 recommended in the course description (not required)

   D. *Prerequisite EDPSY 575:*
   EDPSY 588 Structural Equation Modeling II (3)
       EDPSY 576 recommended in the course description (not required)

   E. *Prerequisite EDPSY 539 (choose one):*
   EDPSY 591 Item Response Theory I (3)
   EDPSY 558 Generalizability Theory (3)
   EDPSY 559 Validity Theory (3)
   EDPSY 561 Test Instrument Development (3)

   F. *Prerequisite EDPSY 591 (choose one):*
   EDPSY 592 Item Response Theory II (3)
   EDPSY 593 Cognitive Diagnostic Modeling (3)

SOCIOLOGY SEQUENCE

SOC 504 Applied Social Statistics (3)
SOC 505 Applied Social Statistics (3)
SOC 506 Methodology: Quantitative Techniques in Sociology (3)
SOC 508 Logic of Social Inquiry (3)

NOTE: A total 12 credits of graduate level statistics are required for the PhD and must include a sequence.   *June 2023*