



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

**SCHOOL OF NURSING**  
UNIVERSITY *of* WASHINGTON

*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 and Clinical Trials Courses**

*Epidemiology courses:*

EPI 511 Intro to Epidemiology (4)

OR the sequence

EPI 512 Epidemiology Methods I (4)

EPI 513 Epidemiology Methods II (4)

*Clinical Trials course:*

BIOST 524 Design of Medical Studies (3)

### **Policy Requirement Courses**

ENV H 473 Environmental Health Policy and Practice (3)

G H 523 Policy Development and Advocacy for Global Health (3)

HSERV 511 Introduction to Health Services and Public Health (3)

LAW H 518 Legal and Policy Solutions to Improve Global Health of Women, Adolescents, and Children (1-2, max. 2)

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)

NUTR 512 United States Food and Nutrition Policy (3)

PUBPOL 501 Legislative Relations (3-4)



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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 585 Topics in Science, Technology, and Public Policy (3-5)  
PUBPOL 595 Topics in Environmental Policy and Management (3-5)  
PUBPOL 599 Special Topics in Public Policy (topics vary) (1-6)  
SOC WL 554 Analytical Perspectives on Social Welfare Policy (3)  
SPH 481 Ethics, Social Justice, and Policy in Public Health (5)

### Advanced Methods Courses

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 (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 (3)  
SOC 529 Structural Equation Models (3)  
SOC WL 581 Qualitative Research Methods (3)  
SOC WL 586 Qualitative Research Methods (3)  
URBDP 519 Qualitative Research Methods (3)



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### **Related Field Courses**

- EPI 548 Social Determinants (3)
- EDPSY 581 Seminar in Educational Psychology (1-5) ENV
- H 538 Health and Built Environments (2)
- ENV H 565 GIS in Public Health (3)
- ENV H 580 Environmental and Occupational Health Seminar (1)
- G H 511 Problems in Global Health (3)
- HSERV 555 Health Disparities (2)
- HSERV 579 Racism and Public Health (1)
- PHARM 501 Alternative and Complementary Medicines (2)

### **Statistics Courses**

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](mailto: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

<b>BIOSTATISTICS SEQUENCES</b> – Choose either the Medical Biometry sequence or the Applied Biostatistics sequence	
<b>MEDICAL BIOMETRY</b> BIOST 511 Medical Biometry I (4) BIOST 512 Medical Biometry II (4) BIOST 513 Medical Biometry III (4)	<b>APPLIED BIOSTATISTICS</b> (add 4 more credits of statistics to make 12) BIOST 517 Applied Biostatistics I (4) BIOST 518 Applied Biostatistics II (4)
<b>EDUCATIONAL PSYCHOLOGY SEQUENCE</b> – Create a sequence from the following (see <a href="#">linked diagram</a> for additional information on sequencing)	
<ol style="list-style-type: none"><li>1. EDPSY 490 Basic Educational Statistics (3) Offered A,W,Sp,Su</li><li>2. Continue sequence from the following:<ol style="list-style-type: none"><li>A. Prerequisite EDPSY 490 (choose one): EDPSY 513 Survey Instrument Development (3) W EDPSY 517 Applied Measurement in Educational Research (3) Sp EDPSY 538 Multiple Regression (3) W,Sp</li><li>B. Prerequisite EDPSY 538 (choose one): EDPSY 576 Multilevel Modeling (3) A EDPSY 575 Structural Equation Modeling I (3) Sp EDPSY 539 Classic Test Theory Reliability and Validity (3) Sp EDPSY 595 Monte Carlo Simulations (3) Even years, A</li><li>C. Prerequisite EDPSY 576 (choose one): EDPSY 596 Experimental Design and Analysis (3) Even years, Sp EDPSY 597 Network Measurement and Analysis (3) Odd years, Sp; EDPSY 513 recommended in the course description (not required)</li></ol></li></ol>	<ol style="list-style-type: none"><li>D. Prerequisite EDPSY 575: EDPSY 588 Structural Equation Modeling II (3) Odd years, A; EDPSY 576 recommended in the course description (not required)</li><li>E. Prerequisite EDPSY 539 (choose one): EDPSY 591 Item Response Theory I (3) A EDPSY 558 Generalizability Theory (3) Tri-Annual, W EDPSY 559 Validity Theory (3) Tri-Annual, W EDPSY 561 Test Instrument Development (3) Tri-Annual, W</li><li>F. Prerequisite EDPSY 591 (choose one): EDPSY 592 Item Response Theory II (3) Odd years, W EDPSY 593 Cognitive Diagnostic Modeling (3) Bi-Annual, Sp</li></ol>
<b>SOCIOLOGY SEQUENCE</b>	
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.

7/11/2022 BM