

WOMEN'S HEALTH RESEARCH CERTIFICATE

The Graduate Certificate in Women's Health Research (WHR) provides trainees with a formal program of courses and seminars to develop specialized research training in the field of women's health. Trainees within this program have access to an interdisciplinary education as well as collaborations with medical students in the Women's Health Scholarly Concentration Program to promote future partnerships between emerging clinical scientists and research scientists in this field. Graduate students who complete this certificate will gain:

- Fundamental knowledge of women's health and the drivers behind sex-associated pathologies
- A strong understanding of current research and critical knowledge gaps within the field of women's health and sex-associated pathologies
- Specialization of the research skills necessary to pursue advanced research questions within this field of study
- Mentoring and academic support from faculty advisors/directors
- Networking opportunities with clinical, translational, and basic researchers and trainees within this field of study at UNC and beyond
- Opportunities to refine scientific communication and presentation skills through presenting work at research symposiums
- Interdisciplinary collaborations with medical students in the School of Medicine's Women's Health Scholarly Concentration Program to enhance interprofessional education opportunities
- Expansion of research opportunities and peer-peer/mentor-mentee collaborations across UNC
- Exposure to the vast array of career opportunities in women's health and career development support.

Faculty Advisory Board

- Russell Broaddus, MD, PhD – Chair of Pathology and Laboratory Medicine Department
- Melinda Yates, PhD – Associate Professor, Pathology and Laboratory Medicine; Faculty Advisor, Women's Health Multidisciplinary Consortium
- Seema Agrawal, Ed.D. – Teaching Associate Professor, Department of Nutrition; Faculty Advisor, Women's Health Research Certificate

Course Requirements

Code	Title	Hours
Core Courses		
BIOL 523	Sex Differences in Human Disease	3
Electives		
Students will take a total of 6 credit hours of electives that reflect the transdisciplinary nature of factors influencing women's health research. Students will propose their planned course of study to be reviewed and approved by the director and faculty advisors following admission.		6
Minimum Hours		9

Code	Title	Hours
Electives		
BIOL 405	Good Genes: Human Reproduction in the Social Context	3

BIOL 408H	Embryology to Biomedical Frontiers	3
BIOL 429	Human Genetic Diversity	3
BIOL 440	Stem Cell Biology	3
BIOL 441	Vertebrate Embryology	3
NUTR 611	Food And Your Life Stages	3
PATH 770	Mouse Efficacy and Disease Models	3
WGST 790	Graduate Seminar in Women's Studies	3
WGST 890	Topics in Women's Studies	3
MHCH 610	Issues in Maternal and Child Health	3
MHCH 625	Injury as a Public Health Problem	3
MHCH 680	Global Sexual and Reproductive Health	1
SOCI 823	Integrating Social and Biological Perspectives on Human Health	3
SOCI 826	Health and Developmental Trajectories From Adolescence into Adulthood	3
SOCI 833	Socioeconomic Factors in Fertility	3
SOCI 851	Sociology of Gender	3
SOCI 863	Sociology of Health, Illness, and Healing	3
SOCI 950	Seminar in Selected Topics	3
Minimum Hours		6

Non-Course Certificate Requirements

- Present at a research symposium prior to graduation.
- Participate in monthly cohort meetings (Monthly cohort meetings will rotate between guest seminar speakers, research in progress talks, and professional development topics).
- Engage in the WHMC monthly Journal Club.