

List of Electives for the MPH in Public Health Genetics

Approved electives with the PHG prefix include the following:

Course #	Course Title	Credits	Quarter	Year
PHG 518	Computer Demonstrations in Genetic Epidemiology	2-4	Spring	1 or 2
PHG 519	Statistical Methods in Genetic Epidemiology	3	Autumn	2
PHG 537	Pharmacoeconomics, Genetics, and Health Care	2	Autumn	1 or 2
PHG 541	Economic and Policy Issues for Genetic Technologies and Services	3	Autumn	
PHG 542	Genetic Discovery in Medicine and Public Health	3	Winter	
PHG 543	Social and Behavioral Research Methods in Public Health Genetics	3	Spring	
PHG 551/ MHE 551	Human Genomics: Science, Ethics, Society	4	Autumn	
PHG 591	Journal Club	1		
PHG 600	Independent Study	variable		

Elective Courses from other departments include the following (***) indicates strongly recommended):

Course No.	Title	Units	Quarter
ANTHRO 436	Comparative Family Organization	5	W
ANTHRO 474	Social Difference and Medical Knowledge	5	A
ANTHRO/NURS 562	Clinical Applied Anthropology	3	Sp
BIOSTAT 511	Medical Biometry I	4	AWS
BIOSTAT 512	Medical Biometry II	4	W
BIOSTAT 523	Medical Biometry III	4	Sp
BIOSTAT 552	Stat. Methods in Med. Genetics	2	Sp
BIOSTAT 580	Seminar in Biostatistics	max. 9	AWSp
EDC&I 572	Current Issues in Science Education	1	A
ENVH 405	Toxic Chemicals in the Environment	3	Sp
ENVH 511	Environmental Occupational Health	3	W
ENVH/ENVS514	Envn. and Occup. Toxicology I	3	A

ENVH 515	Envn. and Occup. Toxicology II	3	W
ENVH 516	Envn. and Occup. Toxicology III	3	Sp
ENVH/EPI/PABIO 568	Mol. Epi. Infect. Diseases	2	W
ENVH/EPI 573	Meth. Issues Biol. Measurements Epi. Res.	2	W
EPI 511	Intro. Epidemiology	3-4	A
EPI 512	Epidemiologic Methods I	4	A
EPI 513	Epidemiologic Methods II	4	W
EPI 524	Epidemiologic Studies of Cancer Etiology and Prevention	3	W
EPI 539	Research Methodologies in Developing Countries	3-4	W
EPI 546	Psychosocial Epidemiology	3	Sp
EPI 591	Current Literature in Epidemiology	1	AWSp
EPI/ENVH/PABIO 568	Mol. Epi. Infect. Diseases	2	W
EPI/ENVH 573	Meth. Issues Biol. Measurements Epi. Res.	2	W
GENOME 466	Cancer Genetics	3	Sp
GENOME 525	Current Literature in Human Genetics	1	AWSp
GENOME 551	Fundamentals of Biology	1.5	A
GENOME 552	Technologies for Genome Analysis	1.5	A
GENOME 553	Advanced Genetic Analysis	1.5	W
GENOME 562	Population Genetics	4	Sp
GENOME 565	Advanced Human Genetics	4	W
HSERV 510	Society and Health	3	W
HSERV 514	U.S. Health and Health Care: Health Policy Research	3	Sp
HSERV 518	Social Ethical Issues Health Services	2	Sp
HSERV 534	Global Population Health and Development	3	Sp
HSERV 539	Research Methodologies in Developing Countries	3-4	W
HSERV 551	Health Law	3	Sp
HSERV 552 ***	Health Policy Development	3	A
HSERV 571	Cultural Competency for Public Health Practice	4	W
HSERV 572	Community Development for Health	4	W
HSERV 580	Society, Chronic Illness, Disability	3	Sp
HSERV 583	Economic Evaluation in Health and Medicine	3	A
HSERV 585	Health Economics	3	W
HSERV 587	Health Policy Economics	3	W
HSERV 590	Selected Topics in Health Services		
LAW H502	Medical Malpractice	3	Sp
LAW H508	Beginning of Life: Rights and Choices	2	Sp
LAW H509	End of Life: Rights and Choices	2	Sp
LAW H570	Biotechnology and the Law	3	Sp
LAW H501	Fundamentals of Health Law	4	A

LAW H510	Topics in Law and Medicine	1-4	
Law H540/Hserv 590Q	Health and Human Rights	3	
MHE 474	Justice Health Care	5	A
MHE 497	Medical Science, Faith, and Ethics Practicum		
MHE 523	Biomedical Ethics	3	A
MHE 535	Medical Ethics Jurisprudence	3	a
MHE 548	Introduction to Clinical Ethics	5	A
MHE 549	Current Topics in Clinical Ethics I	3	W
MHE 550	Current Topics in Clinical Ethics II	3	Sp
NUTR 551	Nutrition and Gene Expression	3	odd W
NURS 560	Dyn Community Health Practice	3	W
NURS 561	Topics in Comp Nursing	3	Sp
NURS/ANTHRO 562	Clinical Applied Anthropology	3	Sp
PABIO/MEDED 536	Bioinformatics Gene Sequence Analysis	3	Sp
PABIO 550	Diseases in Public Health and their Control	3	A
PABIO 551	Biochemistry and Genetics of Pathogens and Their Hosts	4	W
PABIO/ENVH/EPI/568	Mol. Epi. Infect. Diseases	2	W
PBAF 585A	Science and Technology Policy Seminar	3	Sp
PBAF 599	Survey Design	2-3	
TC 420	Intro. Technology Social Political Phenomenon	5	A
TC 425	Technology Assessment	3/5	W
TC 428	Policy Dimensions of Genetic Engineering	3	Sp
UCONJ 445	Bioterror Awareness	1	