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 542	Genetic Discovery in Medicine and Public Health	3	Winter	
PHG 551/ MHE 551	Human Genomics: Science, Ethics, Society	4	Autumn	
PHG 600	Independent Study	variable		

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

The following courses have been approved as electives; however, <u>other courses may be acceptable, too</u>. If a course not on this list is of interest to you and you think it might satisfy the requirement, ask!

Course No.	Title	Units
ANTH 436	Comparative Family Organization	5
ANTH 474	Social Difference and Medical Knowledge	5
ANTHRO/NURS 562	Clinically Applied Anthropology	3
B H 527	Research Methods in Bioethics	3
B H 536	Research Ethics and Regulation	3
BIOSTAT 511	Medical Biometry I	4
BIOSTAT 512	Medical Biometry II	4
BIOSTAT 513	Medical Biometry III	4
BIOSTAT 552	Statistical Genetics III: Design and Analysis	3
BIOSTAT 580	Seminar in Biostatistics	max. 9
EDC&I 572	Current Issues in Science Education	1
ENV H 405	Toxic Chemicals and Human Health	3

Last updated: 12/26/2012

Course No.	Title	Units
ENV H 511	Environmental and Occupational Health	3
ENV H 514	Environmental and Occupational Toxicology I	3
ENV H 515	Environmental and Occupational Toxicology II	3
ENV H 516	Environmental and Occupational Toxicology III	3
ENV H/EPI/PABIO 568	Molecular Epidemiology of Infectious Diseases	2
ENV H/EPI 573	Methods & Issues in Using Biological Measurements in Epidemiologic Research	3
EPI 511	Introduction to Epidemiology	3-4
EPI 512	Epidemiologic Methods I	4
EPI 513	Epidemiologic Methods II	4
EPI 524	Epidemiologic Studies of Cancer Etiology and Prevention	3/4
EPI 527	Vaccines	3
EPI 539 / G H 531	Research Methodologies in Developing Countries	3-4
EPI 546	Psychiatric Epidemiology	3
EPI 591	Current Literature in Epidemiology	1
EPI/ENVH/PABIO 568	Mol. Epi. Infect. Diseases	2
EPI/ENVH 573	Methods & Issues in Using Biological Measurements in Epidemiologic Research	3
GENOME 466	Cancer Genetics	3
GENOME 525	Current Literature in Human Genetics	1
GENOME 551	Gene Regulation	1.5
GENOME 552	Technologies for Genome Analysis	1.5
GENOME 553	Advanced Genetic Analysis	1.5
GENOME 562	Population Genetics	4
GENOME 565	Advanced Human Genetics	4
HSERV 508 / NURS 560	Dynamics of Community Health Practice	3
HSERV 510	Society and Health	3
HSERV 514	Social Determinants of Population Health and Health Disparities	3
HSERV 518	Social Ethical Issues Health Services	2
HSERV 522	Health Program Evaluation	1-5
HSERV 551	Public Health Law	2
HSERV 552 ***	Health Policy Development	3
HSERV 571	Cultural Competency for Public Health Practice	4
HSERV 572	Community Development for Health	2

Course No.	Title	Units
HSERV 580	Society, Chronic Illness, Disability	3
HSERV 583	Economic Evaluation in Health and Medicine	3
HSERV 587	Health Policy Economics	3
HSERV 590	Selected Topics in Health Services	
LAW H502	Medical Malpractice	3
LAW H508	Beginning of Life: Rights and Choices	2
LAW H509	End of Life: Rights and Choices	2
LAW H570	Bio-entrepreneurship and the Law	3
LAW H501	Fundamentals of Health Law	4
LAW H510	Topics in Law and Medicine	1-4
LAW H540/HSERV 590Q	Health and Human Rights	3
LAW H530	Disability Law	3
B H474	Justice in Health Care	5
B H 497	Bioethics and Humanities Special Electives	
B H 535	Medical Ethics and Jurisprudence	3
B H 548	Methods in Clinical Ethics	5
B H 549	Classic Cases in Bioethics	3
B H 550	Current Topics in Bioethics	3
NURS 560 / HSERV 508	Dynamics of Community Health Practice	3
NURS 561	Topics in Comparitive Nursing Care Systems	2/3
NURS/ANTHRO 562	Clinically Applied Anthropology	3
PABIO/MEDED 536	Bioinformatics and Gene Sequence Analysis	3
PABIO 550	Diseases of Public Health Importance and Strategies for their Control	3
PABIO 551	Biochemistry and Genetics of Pathogens and Their Hosts	4
PABIO/ENVH/EPI/568	Molecular. Epidemiology of Infectious Diseases	2