

Graduate Group in Public Health Sciences
Pre-Approved Elective Course List

Courses are subject to change and are not always offered every year. Please check with the sponsoring department for the most current offerings. The Public Health Sciences Education Office only has elective information for SPH courses, all other courses you need to contact individual departments for scheduling. This list is of pre-approved electives. If you find a class not on this list that aligns with your academic and professional goals, it can count towards your elective requirements with approval from your faculty advisor.

You can find details like the course description and pre-requisites on the UC Davis Course Catalog (<https://catalog.ucdavis.edu/home/>).

Course/Subject Code	Course Title	Units
<u>PUBLIC HEALTH SCIENCES</u>		
SPH 204	Globalization and Health: Evidence and Policies	3
SPH 208	Principles & Applications of Cancer Prevention & Control	2
SPH 212	Migration and Health	3
SPH 213	Health Disparities in the U.S.	3
SPH 215	GIS for Public Health	3
SPH 223	Obesity Prevention in Community Settings	3
SPH 226/EPI 226	Applied Longitudinal Data	3
SPH 233	Persuasive Technologies for Health	4
SPH 266/PHR 266	Applied Analytic Epidemiology	3
SPH 274	Economic Evaluation in Health Care	3
SPH 276	Critical Assessment in Health Policy and Economics	2
SPH 280	Introduction to SAS Programming	3
SPH 295	International Health	2
SPH 298	Qualitative Research Methods	2
SPH 298	Principles & Applications of Cancer Prevention: A Pop. Based Perspective	2
SPH/EPI 209	History of Epidemiology in Public Health	1
<u>HEALTH INFORMATICS</u>		
MHI 209	Clinical Data Acquisition & Analysis	4
MHI 210	Introduction to Health Informatics	4
MHI 212	Computer Security in Health Informatics	4
MHI 290	Seminar in Health Informatics	1
MHI 299	Research	1-12
<u>EPIDEMIOLOGY</u>		
EPI 202	Quantitative Epidemiology I: Probability	5
EPI 203	Quantitative Epidemiology II: Stat Interference	2
EPI 204	Stat Models, Methods, & Data Analysis for Scientists	4
EPI 206	Epidemiology Study Design	3
EPI 207	Advanced Concepts in Epidemiologic Study Design	4
EPI 208	Analysis & Interpretation of EPI Data	3
EPI 222	Epidemiological Modeling	3
EPI 223	Spatial Epidemiology	3
EPI 226	Methods for Longitudinal & Repeated Measurement Data	3
EPI 230	Molecular Epidemiology	3
EPI 232	Advanced Data Analysis with SAS	3
EPI 251	Environmental Epidemiology	3
EPI 272	Cancer Epidemiology	3
EPI 277/PHR 277	Mathematical Models in Epidemiology	3
EPI 280	Introduction to SAS Programming	3
EPI 290	Epidemiology Seminars	0.5
EPI 291	Seminar Health Services/ Clinical Epidemiology	1

<u>COMMUNICATIONS</u>		
CMN 101	Communication Theories	4
CMN 141	Media Effects: Theory and Research	4
CMN 146	Communication Campaigns	4
<u>NUTRITION</u>		
NUT 105	Nutrition and Aging	3
NUT 111B	Recommendations and Standards for Human Nutrition	2
NUT 112	Nutritional Assessment	4
NUT 113	Principles of Epidemiology in Nutrition	3
NUT 114	Developmental Nutrition	4
NUT 116A	Clinical Nutrition	3
NUT 117	Experimental Nutrition	6
NUT 118	Community Nutrition	4
NUT 219 A	International Nutrition	3
NUT 258	Field Research Methods in International Nutrition	3
NUT 264A	Principles of Adult Education Seminar	2
NUT 290	Beginning Nutrition Seminar	2
NUT 291	Advance Nutrition Seminar	1
<u>PREVENTIVE VETERINARY MEDICINE</u>		
MPM 201	Emerging Issues in One Health	2.5
MPM 203	Medical Statistics II	4
MPM 207	Applied Epidemiologic Problem Solving	1
MPM 210	Advanced Health Leadership	1.5
MPM 212	Concepts & Methods in Infectious Disease Surveillance & Control	3
<u>SOCIOLOGY</u>		
SOC 145A	Sociology of Third World Development	4
SOC 154	Health and Illness	4
SOC 154	Sociology of Healthcare	4
SOC 160	Sociology of the Environment	4
SOC 185	Social Policy	4
SOC 201	Social Research	4
SOC 206	Quantitative Analysis in Sociology	4
SOC 248	Social Movements	4
<u>STATISTICS</u>		
STA 106	Analysis of Variance	4
STA 108	Regression Analysis	4
STA 130A	Brief Math Stat	4
STA 130B	Math Stat: Brief Course	4
<u>OTHER ELECTIVES</u>		
ANT 121	Medical Anthropology	4
BST 290	Seminar in Biostatistics	1
CHI 114	Reproductive Health	4
CHI 121	Chicana/o Community Mental Health	4
CHI 298	Community-Based Participatory Research	4
CLH 210Y	Princ. & Methods of Comparative Effectiveness Research	4
CRD 200	Planning for Health	4
CRD 240	Community Development Theory	4
ECI 149	Air Pollution	4
ECI 243A	Water and Waste Treatment	4
ECI 243B	Water and Waste Treatment	4
ECN 132	Health Economics	4
EDU 201	Qualitative Research in Education	4
EDU 205A	Ethnographic Research in Schools I: Current Theory and Practice	4
ESP 168A	Environmental Policy Evaluation	5

OTHER ELECTIVES CONTINUED

ETX 101	Principles of Environmental Toxicology	4
ETX 131	Environmental Toxicology Air Pollutants	3
ETX 135	Toxic Risk Assessment	3
ETX 146	Exposure and Dose Assessment	3
ETX 198	Chemical Food Safety	3
ETX 240	Environmental Toxicology	3
EXB 117	Exercise & Aging in Health & Disease	3
FAP 192C	Primary Care Clinics	1
FAP 195	Health Care to Underserved Populations	1
FST 128	Food Toxicology	3
HDE 100C	Adulthood and Aging	4
HIS 109B	Environmental History of Disease and Public Health	4
IDI 141	Infectious Diseases of Humans	1
IDI 211	Epidemiology & Prevention of Infectious Diseases	3
MCN 264B	Topics in Epidemiology of Maternal and Child Nutrition	2
MCN 264C	Topics in Epidemiology of Maternal and Child Nutrition	2
NAS 202	Native American Public Health	4
NPB 132	Genes Nutrients Health	3
NPB 140	Principles of Environmental Physiology	3
NPB 168	Neurobiology of Addictive Drugs	4
NRS 201	Health Status and Care Systems	4
NRS 202	Implementation Science	4
NRS 203	Leadership in Health Care	4
PMI 214	Vector-borne Infectious Diseases: Changing Patterns	2
POL 108	Public Sector Policy	4
PSC 126	Health Psychology	4
SAS 121	Global Poverty: Critical Thinking and Taking Action	4
TCS 158	Technology and the Body	4
VME 158	Infectious Disease in Ecology & Conservation	3
VME 201	Emerging Issues One Health	3
VME 217	Evaluation and Use of Diagnostic Tests	2
WMS 182	Globalization, Gender, and Identity	4