

SPH
3 Year Course Matrix
 Effective 8/18/09

| Course Number | Previous Number | Course Title | FALL 09 | SPRING 10 | SUMMER 10 | FALL 10 | SPRING 11 | SUMMER 11 | FALL 11 | SPRING 12 | SUMMER 12 |
|--|-----------------|--------------|--|-----------|-----------|---------|-----------|-----------|---------|-----------|-----------|
| BIOSTATISTICS (BIOS) | | | | | | | | | | | |
| BIOS | 5300 | 5210 | Biostatistics for Public Health I | X | X | X | X | X | X | X | X |
| BIOS | 5310 | 5215 | Biostatistics for Public Health II | | X | | | X | | X | |
| BIOS | 5312 | 5730 | Regression Analysis | X | | | X | | X | | |
| BIOS | 5314 | 5740 | Intro to Statistical Packages | | X | | | X | | X | |
| BIOS | 5314 | 5740 | Intro to Statistical Packages (for EPID Students Only) | X | | | | | | | |
| BIOS | 5316 | 5725 | Nonparametric Statistical Methods | | | | X | | | | |
| BIOS | 5320 | 5735 | Analysis of Variance | | X | | | | | X | |
| BIOS | 5324 | 5760 | Data Management | X | | | | | X | | |
| BIOS | 6300 | 6100 | Applied Statistical Methods for Data Analysis | X | | | X | | X | | |
| BIOS | 6310 | 6700 | Probability & Statistical Inference | | X | | | X | | X | |
| BIOS | 6312 | 6720 | Applied Methods of Survey Sampling | | | | | X | | | |
| BIOS | 6314 | 6750 | Applied Categorical Data Analysis | | X | TBA | | | | | |
| BIOS | 6316 | 6760 | Multivariate Analysis of Variance | TBA | | | | | | | |
| BIOS | 6318 | 6775 | Clinical Trials & Survival Analysis | | X | | | X | | X | |
| BIOS | 6320 | 6785 | Biostatistical Research & Consulting | | X | | | X | | X | |
| BIOS | 6391 | 6795 | Topics in Biostatistics | X | | | X | X | | X | |
| ENVIRONMENTAL & OCCUPATIONAL HEALTH SERVICES (EOHS) | | | | | | | | | | | |
| EOHS | 5300 | 5300 | Environmental Health | X | X | X | X | X | X | X | X |
| EOHS | 5310 | 5380 | Evaluation & Control of Biological Agents & Infect. Dis. | X | | | X | | X | | |
| EOHS | 5312 | 5340 | Food Quality & Safety | X | | | X | | X | | |
| EOHS | 5314 | 5370 | Arthropods & Public Health | TBA | | | | | | | |
| EOHS | 5320 | 5420 | TX-Mexico Border Health Issues | | X | | | X | | X | |
| EOHS | 5322 | 5311 | Air Pollution & Health | X | | | X | | X | | |
| EOHS | 5324 | NA | Water & Public Health: Global to Regional Perspectives | | X | | | X | | X | |
| EOHS | 5330 | 5345 | Recognition, Evaluation, & Control of Envir. Hazards | | X | | | X | | X | |
| EOHS | 5331 | NA | Envir. & Occupational Sampling & Analysis Meth. | X | | | X | | X | | |
| EOHS | 5332 | 5325 | Industrial Hygiene | TBA | | | | | | | |
| EOHS | 5334 | 5350 | Occupational Diseases & Health Practice | X | | | X | | X | | |
| EOHS | 5336 | 5355 | Work Surveillance, Safety, & Law | TBA | | | | | | | |
| EOHS | 5340 | 5310 | Exposure & Risk Assessment | X | | | X | | X | | |
| EOHS | 5342 | 5500 | Biomarkers in Environmental Epidemiology | | | X | | | X | | X |
| EOHS | 5350 | 5330 | Environmental & Occupational Toxicology | | X | | | X | | X | |
| EOHS | 5360 | 5410 | Environmental Data Analysis | | X | | | X | | X | |
| EOHS | 5370 | NA | Policy, Science, & Decisions | | X | | | X | | X | |
| EOHS | 5391 | NA | Special Topics in Environmental & Occ. Health Science | TBA | | | | | | | |
| EOHS | 6300 | 6100 | Environmental Health Determinants | X | | | X | | X | | |
| EOHS | 6324 | 5550 | Genomics & Public Health | | X | | | X | | X | |
| EOHS | 6348 | 6600 | Spatiotemporal Environmental Health Modeling | | | X | | | X | | X |
| EOHS | 6391 | NA | Advanced Topics in Environmental & Occ. Health Sci | TBA | | | | | | | |
| EPIDEMIOLOGY (EPID) | | | | | | | | | | | |

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| EPID | 5300 | 5100 | Principles of Epidemiology | X | X | X | X | X | X | X | X | X |
| EPID | 5310 | 5110 | Intermediate Epidemiology | | X | | | X | | | X | |
| EPID | 5312 | 5300 | Survey Methodology | X | | | X | | | X | | |
| EPID | 5313 | NA | Database Management and SAS Programming | | | | X | | | X | | |
| EPID | 5314 | 5400 | Applied Data Analysis in Epidemiology | X | | | X | | | X | | |
| EPID | 5318 | 5610 | Chronic Disease Epidemiology | | X | | | X | | | X | |
| EPID | 5320 | 5630 | Infectious Disease Epidemiology | X | | | X | | | X | | |
| EPID | 5391 | 5390 | Special Topics in Epidemiology | | X | | | X | | | X | |
| EPID | 6300 | 6110 | Intermediate Epidemiology for Non-Majors | | X | | | X | | | X | |
| EPID | 6310 | 6100 | Advanced Methods in Epidemiology 1 | X | | | X | | | X | | |
| EPID | 6312 | 6101 | Advanced Methods in Epidemiology 2 | | X | | | X | | | X | |
| EPID | 6314 | 6200 | Experimental Methods in Epidemiology | | X | | | X | | | X | |
| EPID | 6316 | 6300 | Molecular Epidemiology | X | | | X | | | X | | |
| EPID | 6318 | 6615 | Epidemiologic Surveillance | | | X | | | X | | | X |
| EPID | 6320 | 6635 | Social Epidemiology | | | | | | X | | | |
| EPID | 6322 | 6650 | Nutritional Epidemiology | | | X | | | X | | | X |
| EPID | 6324 | 6670 | Cancer Epidemiology | | | X | | | X | | | X |
| EPID | 6326 | 6690 | Occupational Epidemiology <small>(may be offered as EPID 5399 for Spr 10)</small> | X | | | X | | | X | | |
| HEALTH MANAGEMENT & POLICY (HMAP) | | | | | | | | | | | | |
| HMAP | 5160 | 5230 | Eth, Legal & Social Iss. Resp. Conduct of Clinical Res. | | X | | | X | | | X | |
| HMAP | 5262 | 5235 | Biomedical Aspects of Health Disparities | X | | | X | | | X | | |
| HMAP | 5300 | 5210 | Introduction to Health Management & Policy | X | X | X | X | X | X | X | X | X |
| HMAP | 5302 | 5850 | Master of Healthcare Administration Capstone | | X | | | X | | | X | |
| HMAP | 5310 | 5215 | Introduction to Health Systems & Policy | | | | | | | | | |
| HMAP | 5312 | 5240 | Health Politics & Policy | X | | | X | | | X | | |
| HMAP | 5320 | 5270 | Health Services Management | X | | | X | | | X | | |
| HMAP | 5321 | 5260 | Health Information Systems | X | | | X | | | X | | |
| HMAP | 5322 | 5242 | Decision Analysis & Quantitative Modeling | | X | | | X | | | X | |
| HMAP | 5324 | 5272 | Strategic Management & Marketing | X | | | X | | | X | | |
| HMAP | 5326 | 5450 | Public Health Program Planning & Evaluation | | X | | | X | | | X | |
| HMAP | 5328 | 5600 | Human Resources Management | | X | | | X | | | X | |
| HMAP | 5330 | 5255 | Health Finance 1 | X | | | X | | | X | | |
| HMAP | 5332 | 5256 | Health Finance 2 | | X | | | X | | | X | |
| HMAP | 5340 | 5430 | Public Health Law | | X | | | X | | | X | |
| HMAP | 5350 | 5245 | Health Economics | | X | | | X | | | X | |
| HMAP | 5391 | NA | Topics in Health Management & Policy | | | | | | | | | |
| HMAP | 5394 | 5397 | Master of Health Administration Internship | | | X | | | X | | | X |
| HMAP | 6220 | 6145 | Leadership for Public Health | | | X | | | X | | | X |
| HMAP | 6260 | 6140 | Ethical Issues in Public Health | | | X | | | X | | | X |
| HMAP | 6300 | 6100 | Health Care Systems | X | | | X | | | X | | |
| HMAP | 6310 | 6350 | Advanced Health Policy | X | | | X | | | X | | |

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| HMAP | 6312 | 6230 | Public Health Long-Term Care Policy | | | TBA | | | | | |
| HMAP | 6322 | 6200 | X | | | X | | | X | | |
| HMAP | 6324 | 6225 | Quality Management in Long-Term Care | | | TBA | | | | | |
| HMAP | 6330 | 6215 | Health Insurance & Managed Care | | | | X | | X | | X |
| HMAP | 6340 | 6430 | X | | | X | | | X | | |
| HMAP | 6350 | 6220 | Advanced Health Economics | | | | X | | X | | X |
| HMAP | 6380 | 6210 | X | | | X | | | X | | |
| HMAP | 6382 | 6211 | Health Services Research 2 | | | | X | | | X | |
| HMAP | 6391 | NA | Advanced Topics in Health Management & Policy | | | TBA | | | | | |
| PUBLIC HEALTH EDUCATION (PHED) | | | | | | | | | | | |
| <i>DrPH</i> | | | | | | | | | | | |
| PHED | 61XX | NA | Professional Development Seminar I | | | | X | | | X | |
| PHED | 61XX | NA | Professional Development Seminar II | | | | | X | | | X |
| PHED | 6314 | NA | X | | | X | | | X | | |
| PHED | 63XX | NA | Public Health Program Design & Evaluation | | | | X | | X | | |
| PHED | 63XX | NA | Doctoral Residency & Project | | | | | | X | X | X |
| <i>PhD</i> | | | | | | | | | | | |
| PHED | 61XX | NA | Seminar in Public Health Research | | | | X | | X | X | |
| PHED | 62XX | NA | Pedagogy in Public Health | | | | X | | X | | |
| PHED | 62XX | NA | Philosophy & Ethics of Public Health | | | | | X | | | X |
| PHED | 6310 | NA | X | | | X | | | X | | |
| SOCIAL & BEHAVIORAL SCIENCES (SABS) | | | | | | | | | | | |
| SABS | 5300 | 5115 | Theoretical Foundations of Indiv. & Comm. Health | | | X | X | X | X | X | X |
| SABS | 5310 | 5410 | Community Assessment | | | | X | | X | | X |
| SABS | 5312 | 5411 | Community Program Planning | | | | | X | | X | |
| SABS | 5314 | 5350 | Social & Behavioral Research Methods & Evaluation | | | X | | X | | X | |
| SABS | 5316 | 5415 | Public Health Interventions | | | X | | | X | | X |
| SABS | 5320 | 5420 | TX-Mexico Border Health Issues | | | | X | | X | | X |
| SABS | 5322 | 5200 | Social Justice, Ethics & Human Rights in Public Health | | | X | | | | X | |
| SABS | 5324 | 5215 | Introduction to Health Disparities | | | | | X | | | |
| SABS | 5325 | 5125 | Maternal & Child Health | | | | | X | | | |
| SABS | 5326 | 5400 | Community Health | | | TBA | | | | | |
| SABS | 5328 | 5500 | Introduction to Global Health | | | | | X | | | X |
| SABS | 5330 | 5430 | Health Communication Strategies in Public Health | | | X | | | | X | |
| SABS | 5332 | 5650 | Stress & Coping | | | | X | | | | X |
| SABS | 5334 | 5140 | Social & Cultural Determinants of Population Health | | | | | X | | | |
| SABS | 5391 | NA | Topics in Community Health | | | TBA | | | | | |
| SABS | 6300 | 6100 | Social & Behavioral Theories & Health Applications | | | | X | | X | | X |
| SABS | 6310 | 6170 | Qualitative Research Methods | | | | X | | X | | X |
| SABS | 6312 | 6400 | Research Methods in Social & Behavioral Sciences | | | TBA | | | | | |
| SABS | 6314 | 6125 | Anthropology of Health | | | | | X | | | X |

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| SABS | 6316 | 6200 | Health Psychology | | | X | | | | | | X |
| SABS | 6318 | 6250 | Health Promotion in Multicultural Populations | | | | | | X | | | |
| SABS | 6322 | 6340 | Motivational Interviewing in Public Health Settings | | | | | X | | | | |
| SABS | 6324 | 6360 | Public Health & Aging | | | | | | X | | | |
| SABS | 6326 | 6415 | Society & Health | X | | | | | | X | | |
| SABS | 6391 | NA | Advanced Topics in Social & Behavioral Sciences | X | | | | | | | | |
| SABS | 6394 | 6220 | Advanced Topics in Culture, Race, Ethnicity, & Health | | | X | | | | | | X |