

**SPH  
3 YEAR COURSE MATRIX**

| NUMBER   | COURSE TITLE                                  | FALL 08 | SPR 09 | SUM 09 | FALL 09 | SPR 10 | SUM 10 | FALL 10 | SPR 11 | SUM 11 |
|--|---|---------|--------|--------|---------|--------|--------|---------|--------|--------|
| <b>BIOSTATISTICS</b>                           |   |         |        |        |         |        |        |         |        |        |
| BIOS 5210                                      | Biostatistics I                               | X       |        | X      | X       |        | X      | X       |        | X      |
| BIOS 5215                                      | Biostatistics II                              |         | X      |        |         | X      |        |         | X      |        |
| BIOS 5725                                      | Nonparametric Statistical Methods             | X       |        |        |         |        |        | X       |        |        |
| BIOS 5730                                      | Regression Analysis                           | X       |        |        | X       |        |        | X       |        |        |
| BIOS 5735                                      | ANOVA-Analysis of Variance                    |         |        |        |         | X      |        |         |        |        |
| BIOS 5740                                      | Intro to Statistical Packages                 |         | X      |        |         | X      |        |         | X      |        |
| BIOS 5760                                      | Data Management                               |         |        |        | X       |        |        |         |        |        |
| BIOS 6100                                      | Applied Statistical Methods for Data Analysis | X       |        |        | X       |        |        | X       |        |        |
| BIOS 6700                                      | Probability & Statistical Inference           | X       | X      |        |         | X      |        |         | X      |        |
| BIOS 6720                                      | Applied Methods of Survey Sampling            |         | X      |        |         |        |        |         | X      |        |
| BIOS 6750                                      | Applied Categorical Data Analysis             |         | X      |        |         | X      |        |         | X      |        |
| BIOS 6760                                      | Multivariate Analysis of Variance             |         | X      |        |         |        |        |         | X      |        |
| BIOS 6775                                      | Clinical Trials & Survey Analysis             |         | X      |        |         | X      |        |         | X      |        |
| BIOS 6785                                      | Biostatistical Research & Consulting          |         | X      |        |         | X      |        |         | X      |        |
| BIOS 6795                                      | Topics in Biostatistics                       |         |        |        | X       |        |        |         |        |        |
| <b>ENVIRONMENTAL &amp; OCCUPATIONAL HEALTH</b> |   |         |        |        |         |        |        |         |        |        |
| ENVR 5300                                      | Environmental Health                          | X       | X      | X      | X       |        | X      | X       |        | X      |
| ENVR 5310                                      | Exposure and Risk Assessment                  | X       |        |        | X       |        |        | X       |        |        |
| ENVR 5311                                      | Air Pollution and Health                      | X       |        |        | X       |        |        | X       |        |        |
| ENVR 5325                                      | Industrial Hygiene                            |         | X      |        |         | X      |        |         | X      |        |
| ENVR 5330                                      | Environmental & Occupational Toxicology       |         | X      |        |         | X      |        |         | X      |        |
| ENVR 5340                                      | Food Quality & Safety                         |         |        |        | X       |        |        |         |        |        |
| ENVR 5345                                      | Physical Hazards                              | X       |        |        | X       |        |        | X       |        |        |
| ENVR 5350                                      | Occupational Diseases & Health Practice       | X       |        |        | X       |        |        | X       |        |        |
| ENVR 5355                                      | Work, Surveillance, Safety, Law               |         | X      |        |         | X      |        |         | X      |        |
| ENVR 5370                                      | Arthropods and Public Health                  |         | X      |        |         | X      |        |         | X      |        |
| ENVR 5380                                      | Environmental Health Microbiology             | X       |        |        | X       |        |        | X       |        |        |
| ENVR 5410                                      | Environmental Data Analysis                   |         | X      |        |         | X      |        |         | X      |        |
| ENVR 5420                                      | Texas-Mexico Border Health Issues             |         | X      |        |         | X      |        |         | X      |        |
| ENVR 5500                                      | Biomarkers in Environmental Epidemiology      |         |        | X      |         |        | X      |         |        | X      |

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| ENVR 5550                             | Introduction to Genomics & PH               |         | X      |        |         | X      |        |         | X      |        |
| ENVR 6100                             | Environmental Health Det                    | X       |        |        | X       |        |        | X       |        |        |
| ENVR 6600                             | Spatiotemporal Envir Health                 |         |        |        | X       |        |        | X       |        |        |
| <b>EPIDEMIOLOGY</b>                   |   |         |        |        |         |        |        |         |        |        |
| EPID 5100                             | Principles of Epidemiology                  | X       |        | X      | X       |        | X      | X       |        | X      |
| EPID 5110                             | Intermediate Epidemiology                   |         | X      |        |         | X      |        |         | X      |        |
| EPID 5200                             | Epidemiology for Healthcare Practice        |         | X      |        |         |        |        |         |        |        |
| EPID 5300                             | Survey Methodology                          | X       |        |        | X       |        |        | X       |        |        |
| EPID 5400                             | Applied Data Analysis in Epidemiology       |         | X      |        | X       |        |        | X       |        |        |
| EPID 5610                             | Chronic Disease Epidemiology                |         | X      |        |         | X      |        |         | X      |        |
| EPID 5630                             | Infectious Disease Epidemiology             | X       |        |        | X       |        |        | X       |        |        |
| EPID 5690                             | Epi of Bioterrorism /Catastrophic Events    | X       |        |        |         |        |        |         |        |        |
| EPID 5XXX                             | Topics in Epidemiology                      |         |        |        |         |        |        |         | X      |        |
| EPID 6100                             | Advanced Epidemiology I                     | X       |        |        | X       |        |        | X       |        |        |
| EPID 6101                             | Advanced Epidemiology II                    |         | X      |        |         | X      |        |         | X      |        |
| EPID 6110                             | Intermediate Epidemiology for Non-majors    |         | X      |        |         | X      |        |         | X      |        |
| EPID 6200                             | Experimental Methods in Epidemiology        |         | X      |        |         | X      |        |         | X      |        |
| EPID 6300                             | Molecular Epidemiology                      | X       |        |        | X       |        |        | X       |        |        |
| EPID 6615                             | Epidemiologic Surveillance                  |         |        | X      |         |        | X      |         |        | X      |
| EPID 6635                             | Social Epidemiology                         |         |        | X      |         |        |        |         |        | X      |
| EPID 6650                             | Nutritional Epidemiology                    |         |        | X      |         |        | X      |         |        | X      |
| EPID 6670                             | Cancer Epidemiology                         |         |        | X      |         |        | X      |         |        | X      |
| EPID 6690                             | Occupational Epidemiology                   |         | X      |        |         | X      |        |         | X      |        |
| EPID XXXX                             | Intro to Data Management & Stat Consulting  |         |        |        | X       |        |        | X       |        |        |
| <b>HEALTH MANAGEMENT &amp; POLICY</b> |   |         |        |        |         |        |        |         |        |        |
| HMAP 5210                             | Introduction to HMAP                        | X       |        | X      | X       |        | X      | X       |        | X      |
| HMAP 5215                             | Introduction to Health Systems & Policy     |         |        |        |         |        |        |         |        |        |
| HMAP 5230                             | Ethical, Legal & Social Issues for Clin Res |         | X      |        |         | X      |        |         | X      |        |
| HMAP 5235                             | Biomedical Aspects of Health Disparities    | X       |        |        | X       |        |        | X       |        |        |
| HMAP 5240                             | Health Politics & Policy                    | X       |        |        | X       |        |        | X       |        |        |
| HMAP 5242                             | Decision Analysis & Quantitative Modeling   |         | X      |        |         | X      |        |         | X      |        |

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| HMAP 5245                               | Health Economics                          |         | X      |        |         | X      |        |         | X      |        |
| HMAP 5255                               | Finance I                                 | X       |        |        | X       |        |        | X       |        |        |
| HMAP 5256                               | Finance II                                |         | X      |        |         | X      |        |         | X      |        |
| HMAP 5260                               | Health Information Systems                | X       |        |        | X       |        |        | X       |        |        |
| HMAP 5270                               | Health Services Management                | X       |        |        | X       |        |        | X       |        |        |
| HMAP 5272                               | Strategic Management & Marketing          |         | X      |        | X       |        |        | X       |        |        |
| HMAP 5430                               | Public Health Law                         |         | X      |        |         | X      |        |         | X      |        |
| HMAP 5450                               | PH Program Planning & Evaluation          |         | X      |        |         | X      |        |         | X      |        |
| HMAP 5600                               | Human Resources Management                |         | X      |        |         | X      |        |         | X      |        |
| HMAP 5850                               | MHA Capstone                              |         |        |        |         | X      |        |         | X      |        |
| HMAP 6100                               | Health Care Systems                       | X       |        |        | X       |        |        | X       |        |        |
| HMAP 6140                               | Ethical Issues on Public Health           |         |        | X      |         |        | X      |         |        | X      |
| HMAP 6145                               | Leadership in Public Health               |         |        | X      |         |        | X      |         |        | X      |
| HMAP 6200                               | Organizational Management                 | X       |        |        | X       |        |        | X       |        |        |
| HMAP 6210                               | Health Services Research I                | X       |        |        | X       |        |        | X       |        |        |
| HMAP 6211                               | Health Services Research II               |         | X      |        |         | X      |        |         | X      |        |
| HMAP 6215                               | Health Insurance & Managed Care           |         | X      |        |         | X      |        |         | X      |        |
| HMAP 6220                               | Advanced Health Economics                 |         | X      |        |         | X      |        |         | X      |        |
| HMAP 6350                               | Advanced Health Policy                    | X       |        |        | X       |        |        | X       |        |        |
| HMAP 6430                               | Health Care Law                           | X       |        |        | X       |        |        | X       |        |        |
| <b>SOCIAL &amp; BEHAVIORAL SCIENCES</b> |   |         |        |        |         |        |        |         |        |        |
| SCBS 5115                               | Behavioral Foundations of Public Health   | X       |        | X      | X       |        | X      | X       |        | X      |
| SCBS 5125                               | Maternal and Child Health                 |         |        |        |         |        |        | X       |        |        |
| SCBS 5140                               | Soc & Cultural Determinants of Pop Health |         |        |        |         |        |        | X       |        |        |
| SCBS 5200                               | Social Justice, Ethics and Human Rights   |         |        |        | X       |        |        |         |        |        |
| SCBS 5215                               | Introduction to Health Disparities        |         | X      |        |         |        |        |         | X      |        |
| SCBS 5350                               | Social & Behav Research Methods & Eval    | X       |        |        | X       |        |        | X       |        |        |
| SCBS 5400                               | Community Health                          | X       |        |        |         |        |        |         |        |        |
| SCBS 5410                               | Community Assessment                      |         | X      |        |         | X      |        |         | X      |        |
| SCBS 5411                               | Community Program Planning                |         | X      |        |         | X      |        |         | X      |        |
| SCBS 5415                               | Public Health Interventions               |         |        |        | X       |        |        | X       |        |        |

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| SCBS 5420 | Texas-Mexico Border Health Issues          |         | X      |        |         | X      |        |         | X      |        |
| SCBS 5430 | Health Communication Strategies in PH      |         |        |        | X       |        |        |         |        |        |
| SCBS 5500 | Introduction to International Health       |         |        |        |         |        | X      |         |        |        |
| SCBS 5650 | Stress and Coping                          |         |        |        |         | X      |        |         |        |        |
| SCBS 5800 | Capstone                                   | X       |        |        |         |        |        |         |        |        |
| SCBS 6100 | Social & Behavioral Theories & Health App  |         | X      |        |         | X      |        |         | X      |        |
| SCBS 6125 | Anthropology of Health                     |         |        |        |         |        | X      |         |        |        |
| SCBS 6170 | Qualitative Research Methods               |         | X      |        |         | X      |        |         | X      |        |
| SCBS 6200 | Health Psychology                          |         |        |        |         |        | X      |         |        |        |
| SCBS 6220 | Adv Topics in Race, Eth, Culture, & Health |         |        |        |         |        | X      |         |        |        |
| SCBS 6250 | Health Promo in Multicultural Populations  |         |        | X      |         |        |        |         |        | X      |
| SCBS 6340 | Motivational Interviewing in PH Settings   |         | X      |        |         |        |        |         | X      |        |
| SCBS 6360 | Public Health and Aging                    |         |        | X      |         |        |        |         |        | X      |
| SCBS 6400 | Research Methods in Social & Behav Sci     |         | X      |        |         | X      |        |         | X      |        |
| SCBS 6415 | Society and Health                         |         |        |        | X       |        |        |         |        |        |