## Global Environmental Health MPH Curriculum Gangarosa Department of Environmental Health, Rollins School of Public Health, Emory University Matriculation <u>FALL 2023</u> - 42 Credits Required

| COURSE #             | TITLE   | SEMESTER<br>OFFERED | SUGGES<br>TED<br>YEAR | CREDITS          | GRADING<br>BASIS | Taken |
|----------------------|---|---------------------|-----------------------|------------------|------------------|-------|
| <b>RSPH CORE REQ</b> | UIREMENTS   |                     |                       |                  |                  |       |
| BIOS 500             | Statistical Methods I w/lab   | Fall                | 1*                    | 4                | Graded           |       |
| BIOS 501**^          | Statistical Methods II w/lab  | Spring              | 1                     | 4                | Gr or S/U        |       |
| EPI 530              | Epidemiologic Methods I w/lab                                       | Fall                | 1*                    | 4                | Graded           |       |
| BSHES 500            | Behavioral and Social Sciences in Public Health                     | Fall, Spr           | 2                     | 2                | Graded           |       |
| HPM 500              | Intro to US Health Care System                                      | Fall, Spr           | 2                     | 2                | Graded           |       |
| PUBH 500             | Introduction to Public Health                                       | Fall                | 1*                    | 0                | S/U              |       |
| PUBH 501             | Inter-Professional Team Training                                    | Spring              | 1*                    | 0                | S/U              |       |
|                      |   |                     | Sub-total:            | 12               |                  |       |
| <b>GEH REQUIREME</b> | NTS   |                     |                       |                  |                  |       |
| GH 502               | Evidence-Based Global Health Policy, Progs & Research               | Spring              | 1                     | 3                | Graded           |       |
| EH 501               | Introduction to Environmental Health                                | Fall                | 1*                    | 2                | S/U              |       |
| EH 510               | Foundations of Exposure Science                                     | Spring              | 1                     | 2                | Graded           |       |
| EH 520               | Human Toxicology  | Fall                | 1                     | 3                | Graded           |       |
| EH 530 <i>or</i>     | Env. and Occ. Epi. (Prereq. EPI 530)                                | Spring              | 1                     | 2                | Graded           |       |
| EHS 747/EPI          | Advanced Environmental Epidemiology                                 | Fall                | 2                     | 2                | Graded           |       |
| 747                  | (prereqs: 2 levels of BIOS and 2 levels of EPI preferred)           |                     |                       |                  |                  |       |
| EH 571               | GEH Policy: Power, Science and Justice                              | Spring              | 1 or 2                | 2                | Graded           |       |
| EH 591               | Integrated Learning Experience in Envt. Health, Part I              | Fall                | 2*                    | 2                | Graded           |       |
| EH 592               | Integrated Learning Experience in Envt. Health, Part 2              | Spring              | 2*                    | 2                | Graded           |       |
| EH 595               | Applied Practice Experience (APE)                                   | Spring              | 2*                    | 0                | S/U              |       |
|                      |   |                     | Sub-total:            | 18               | 1 -              |       |
| sequence.            | ST COMPLETE <u>6 CREDITS</u> FROM THE FOLLOWING. It is recommended, |                     |                       | I                |                  | ame   |
| GH 501#              | Health Systems, Social Justice, and Equity                          | Fall                | 1                     | 3                | Graded           |       |
| PROGRAM CYCLE        |   |                     | 1                     | 1                | 1                |       |
| GH 511               | Prog Cycle 1: Planning & Managing GH Progs                          | Fall, Spr           | 1                     | 3                | Graded           |       |
| GH 512               | Prog Cycle 2: Monitoring & Eval of Global PH Programs               | Fall                | 2                     | 3                | Graded           |       |
|                      | THODS SEQUENCE:   |                     | 1                     | 1                | -r               | 1     |
| GH 521               | Qualitative Methods I: Data Collection                              | Spring              | 1                     | 3                | Graded           |       |
| GH 522               | Qualitative Methods 2: Data Analysis                                | Fall                | 2                     | 3                | Graded           |       |
|                      | (prereq: GH 521 or instructor permission)                           |                     |                       |                  |                  |       |
| QUANTATIVE ME        | THODS SEQUENCE:   |                     |                       |                  | -                | n     |
| GH 531               | Quantitative Methods 1: Data Collection                             | Spring              | 1                     | 3                | Graded           |       |
| GH 532               | Quantitative Methods 2: Data Analysis                               | Fall                | 2                     | 3                | Graded           |       |
|                      | (prereq: EPI 530, BIOS 500. EPI 540, BIOS 501, and GH 531           |                     |                       |                  |                  |       |
|                      | strongly recommended or instructor permission)                      |                     |                       |                  |                  |       |
|                      |   |                     | Sub-total:            | 6                |                  |       |
|                      |   | _                   |                       | <b>6</b> minimum |                  |       |
|                      |   |                     | e Credits<br>Required | 6 min<br>42      | iimum            |       |

\*Must take in the semester/year listed. \*\*Highly recommended; not required.

^Not included in sub- and total credit count for this section.

**Electives:** Students take electives (non-required classes) to attain 42 credits (minimum number of credits required for the degree). Students may enroll in classes in RPSH or other graduate-level classes at other Emory schools or via the <u>ARCHE</u> <u>program</u> (with permission) to enhance their interests and skills. Visit the <u>RSPH Course Catalog</u> for RSPH courses, the <u>EH</u> <u>course webpage</u> for EH course descriptions, and/or the <u>Emory Course Atlas</u>. *Cross-check the RRPH Course Catalog and Emory Course Atlas for pre-requisites and permission needs.* 

The program's competencies are posted here.

<sup>#</sup>Does not meet GDEH methods competency; must ensure to take one of the other classes in addition to GH 501 to meet the competency.

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## **SUGGESTED SEQUENCE COURSE NUMBER COURSE NAME** CREDITS FALL 1 Introduction to Environmental Health 2 EH 501 3 EH 520 Human Toxicology **BIOS 500** Statistical Methods I w/lab 4 EPI 530 Epidemiologic Methods I w/lab 4 **PUBH 500** Introduction to Public Health 0 Semester Total: 13 SPRING 1 Required: GH 502 Evidence Based Global Health Policy, Programs, and Research 3 Foundations of Exposure Science EH 510 2 EH 530 Environmental and Occupational Epidemiology (or EHS 747 in fall 2) 2 **PUBH 501** Inter-Professional Team Training 0 Consider: BIOS 501\*\* Statistical Methods II w/lab 4 GH 555\*\* Proposal Development (helpful if applying to GFE, not required) 2 3 GH Methods See list on page 1 BSHES/HPM core and/or Required Core Courses or General Elective(s) 2 Elective(s) Semester Total: 9+ Most students will complete their APE and begin working on thesis/capstone. SUMMER FALL 2 EH 591 Integrated Learning Experience in Environmental Health, Part I 2 3 **GH** Methods See list on page 1 2 Advanced Environmental Epi. (instead of or in addition to EH 530) EHS 747 BSHES/HPM core and/or Required Core Courses or General Elective(s) 6+ Elective(s) Semester Total: 9+ SPRING 2 Global Environmental Health Policy: Power, Science and Justice EH 571 2 EH 592 Integrated Learning Experience in Environmental Health, Part 2 2 Applied Practice Experience (APE) EH 595 0 See list on page 1 3 **GH** Methods BSHES/HPM core and/or Required Core Courses or General Elective(s) 4+ Elective(s) Semester Total: 9+

\*\*Recommended