**Doctor of Philosophy: Environmental Science**

*Environmental Disease Prevention Track*

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| Name: |  | | | Student Number: | |  |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Course | Credits | Tile | Semester & Year | Grade | | **Leveling and Other Required Courses**  *(see planning note 1)* | | | | | | Public Health 101 | 0 | PH 101 Foundations in Public Health *(see planning note 2)* |  |  | | PHM 1700L | 3 | Intermediate Biostatistics |  |  | | PHWM 2110L | 3 | Public Health Ecology and the Human Environment |  |  | | PH 2175L | 3 | Toxicology I: Principles of Toxicology |  |  | | PHM 2612L | 3 | Epidemiology I |  |  | |  |  |  |  |  | | | | | | | | |
| Course | | Credits | Tile | | Semester & Year | Grade | Corresponding Competencies |
| **Major Courses** *(Required for Preliminary Exam)* | | | | | | | |
| *8 credit hours* | | | | | | | *Competencies* |
| PHD 2105L | | 1 | EOHS Doctoral Seminar *(taken twice; see planning note 3)* | |  |  | PhD-P4 |
| PHD 2105L | | 1 | EOHS Doctoral Seminar *(taken twice; see planning note 3)* | |  |  | PhD-P4 |
| PHWD 2106L | | 2 | Introduction to Doctoral Research Methods in EOHS | |  |  |  |
| PH 2245 | | 4 | Fundamentals of Industrial Hygiene | |  |  |  |
| **Environmental Disease Prevention Track Required Courses** | | | | | | | |
| *16-17 credit hours* | | | | | | | *Competencies* |
| PHD 2135L | | 3 | Risk Analysis – Principles and Practice | |  |  |  |
| PH 2177 | | 3 | Toxicology II: Toxic Agents and the Environment | |  |  | PhD-P1 |
| PH 2126 | | 3 | Fundamentals and Applications of GIS | |  |  |  |
| PHD 2155 | | 4 | Environmental Sampling and Analysis | |  |  |  |
| *3-4 credit hours of selected required course (see planning note 4)* | | | | | | |  |
|  | |  |  | |  |  | PhD-P2, PhD-P3 |
| **Minor in Epidemiology**  *(see planning note 5)* | | | | | | | |
| *9 credit hours* | | | | | | |  |
| PH 2615L | | 3 | Epidemiology II | |  |  |  |
| PH 2710L | | 3 | Epidemiology III | |  |  |  |
| *3 credit hours of selected minor course (see planning note 5)* | | | | | | |  |
|  | | 3 |  | |  |  |  |
| **Breadth in Person-centered Well-being**  *(see planning note 6)* | | | | | | | |
| *12 credit hours* | | | | | | |  |
| PHD 2845L | | 3 | Nutritional Epidemiology | |  |  |  |
| *Selection 1: 3 credit hours of a selected required course* | | | | | | |  |
|  | | 3 |  | |  |  |  |
| *Selection 2: 3 credit hours of a selected required course* | | | | | | |  |
|  | | 3 |  | |  |  |  |
| *Selection 3: 3 credit hours of a selected required course* | | | | | | |  |
|  | | 3 |  | |  |  |  |
| **Dissertation** | | | | | | | |
| *3 credit hours*  *(see planning note 7)* | | | | | | |  |
| PHD 9999 | | 3 | Dissertation Hours | |  |  |  |
| **Total Credits***(see planning note 8)* | | **48** |  | | | | |

*For course availability, including online offerings, please reference the* [*Course Rotation Schedule*](https://web.sph.uth.edu/student-forms/Academic_Requirements/Schedule%20of%20Classes/Reference.Course_Rotation.pdf) *and the* [*Interactive Course Schedule*](https://web.sph.uth.edu/course/CourseSchedule)*.*

**Planning Notes:**

**Planning Note 1 (Leveling Courses):** Students may be required to complete additional leveling coursework based on their academic history. Students should discuss with their faculty advisor to identify which courses might be needed for academic success. In some instances, required leveling courses may be indicated in the student’s offer of admission. *Academic credits from leveling courses do not count towards the total required number of credits for the degree program.*

*Regarding courses that have both with an ‘M’ (masters) and ‘D’ (doctoral) level as indicated in the course prefix (e.g., for 2135 and 2230). Doctoral students should take the ‘D’ version of the course. Completion of the ‘M’ version of a course during the MPH program exempts students from re-taking the same course in its ‘D’ version during the doctoral program. However, this exemption does not confer credit hours. In this case, doctoral students will need to complete additional courses, either ‘D’ or non-designated, to fulfill the total credit hours required to complete the program.*

**Planning Note 2 (PH 101):** This course is required for all students enrolled in the PhD in Environmental Sciences, Environmental Disease Prevention Track. This course is an online, not-for-credit course that covers the Foundational Knowledge Competencies set forth by CEPH. Students will be added to the course in Canvas during their first semester. Students must complete the course within one year of matriculation.

**Planning Note 3:** Students enrolled in the PhD in Environmental Disease Prevention are required to complete *PHD 2105L EOHS Doctoral Seminar* twice for a total of 2 credit hours.

**Planning Note 4 (Selected Required Course):** Students are required to complete one of the following courses:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *3-4 credit hours of selected required course* | | | | | *Competencies* |
| PHW 2150 | 3 | *Air Environment* |  |  | PhD-P2, PhD-P3 |
| PHWD 2230L | 4 | *Water Environment* |  |  | PhD-P2, PhD-P3 |

**Planning Note 5 (Minor):** Students are required to elect a minor in Epidemiology (9 credits hours). Students must complete *PH 2615L Epidemiology II* and *PH 2710L Epidemiology III*. To complete the minor requirement, students are required to complete one of the following 3 credit hour courses:

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| --- | --- | --- | --- | --- | --- |
| *3 credit hours of selected minor course* | | | | | *Competencies* |
| PHWD 2108L | 3 | *Applied Epidemiological Analysis* |  |  |  |
| PHWD 2760L | 3 | *Occupational Epidemiology* |  |  |  |
| PHD 2762L | 3 | *Environmental Epidemiology* |  |  |  |

**Planning Note 6 (Breadth):** Students are required to complete a 12 credit hour breadth in person-centered well-being. All students are required to complete *PHD 2845 Nutritional Epidemiology*. Students are required to select one 3 credit hour course from each of the following groupings:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Selection 1: 3 credit hours of selected required course* | | | | | *Competencies* |
| PH 2735L | 3 | *Physical Activity and Health: Epidemiology and Mechanisms* |  |  |  |
| PH 5400 | 3 | *Physical Activity Assessment and Surveillance* |  |  |  |
| PH 5401L | 3 | *Physical Activity and Public Health Practice* |  |  |  |
| *Selection 2: 3 credit hours of selected required course* | | | | | *Competencies* |
| PHW 2780L | 3 | *Genetics Epidemiology* |  |  |  |
| PH 2815L | 3 | *Genetics and Human Disease* |  |  |  |
| PHW 2970L | 3 | *Foundations of Public Health Genetics* |  |  |  |
| *Selection 3: 3 credit hours of selected required coursework* | | | | | *Competencies* |
| PHW 1241 | 3 | *Disability and Public Health* |  |  |  |
| PHD 3922 | 3 | *Economic and Social Determinants of Health* |  |  |  |
| PH 5220 | 3 | *Gender and Leadership* |  |  |  |

**Planning Note 7 (Dissertation):** A minimum of 3 credit hours of dissertation is required. A maximum of 6 credit hours of dissertation will count towards the degree requirement.

**Planning Note 8 (Total Credits):** Completion of a prescribed course of study of at least one (1) academic year and a minimum of at least 48 semester credit hours. A maximum of six (6) semester credit hours of dissertation count toward the minimum 48 credit hours. If the student chooses to elect a practicum, no more than three (3) credit hours of practicum and three (3) credit hours of dissertation count toward the minimum of 48 credit hours. Therefore, at least 42 credit hours of courses other than practicum or dissertation must be successfully completed.

***Planner must be completed in collaboration with and signed by the faculty advisor. Changes to planned coursework may be made and submitted to the faculty advisor for approval. Students must submit their final completed degree planner with the evaluation report the semester before their anticipated graduation.***

**Advising Notes:**

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| **Approvals:** |  |  |  |  |
| *Student, Printed* |  | *Student, Signature* |  | *Date* |
| *Faculty Advisor, Printed* |  | *Faculty Advisor, Signature* |  | *Date* |
| *Office of Academic Affairs Representative, Printed* |  | *Office of Academic Affairs Representative, Signature* |  | *Date* |