**Master of Public Health: Environmental Health**

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| Name: |  | | | Student Number: | | |  |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Course | Credits | Title | Semester & Year | Grade | | **Other Required Courses** | | | | | | Public Health 101 | 0 | PH 101 Foundations in Public Health *(required for all students; see planning note 1)* |  |  | |  |  |  |  |  | | | | | | | | |
| Course | | Credits | Title | | Semester & Year | Grade | Competencies/Notes |
| **Public Health Core Courses** | | | | | | | |
| *18 credit hours* | | | | | | | *MPH Foundational Competencies* |
| PHM 1110L | | 3 | Health Promotion & Behavioral Sciences in Public Health | |  |  | *The Public Health Core Courses are designed to meet the MPH Foundational Competencies set forth by the Council on Education for Public Health (CEPH).* |
| PHM 1690L | | 4 | Introduction to Biostatistics in Public Health | |  |  |
| PHM 2110L | | 3 | Public Health Ecology & the Human Environment | |  |  |
| PHM 2612L | | 3 | Introduction to Epidemiology | |  |  |
| PHM 3715L | | 3 | Management & Policy Concepts in Public Health | |  |  |
| PHM 5015L | | 2 | Introduction to Qualitative Research in Public Health | |  |  |
| **Environmental Health Required Courses** | | | | | | | |
| *9 credit hours* | | | | | | | *Competencies* |
| PHM 2135L | | 3 | Risk Analysis: Principles and Practice | |  |  | MPH-O1, MPH-O5 |
| PH 2175L | | 3 | Toxicology I: Principles of Toxicology | |  |  | MPH-O2 |
| PH 2205L | | 3 | Health and Safety Program Management and Leadership | |  |  | MPH-O3, MPH-O4 |
| *Selection1: 3 credit hours of selected required coursework (see planning note 2)* | | | | | | | *Competencies* |
|  | |  |  | |  |  |  |
| **Electives**  *(see planning note 3)* | | | | | | | |
| *8 - 9 credit hours* | | | | | | | *Notes* |
|  | | 3 |  | |  |  | *Must be an EOHS elective (2000-2499)* |
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| **Practicum**  *(see planning note 4)* | | | | | | | |
| *3 credit hours* | | | | | | | *Competencies* |
| PH 9997 | | 3 | Practicum | |  |  |  |
| **Integrative Learning Experience**  *(see planning note 5)* | | | | | | | |
| *3 credit hours* | | | | | | | *Competencies* |
|  | | 3 |  | |  |  |  |
| **Total Credits** | | **45** | *(see planning note 6)* | | | | |

*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)*.*

*Competency statements can be found in the* [*CEPH Competencies*](https://uthtmc.sharepoint.com/sites/SPH-mySPH/SitePages/CEPH-Competencies.aspx) *index.*

**Special Programs in Environmental Health**

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| **Optional Curriculum: Occupational Medicine Residency** | | | | | |
| Course | Credits | Title | Semester & Year | Grade | Corresponding Competencies |
| **Occupational Medicine Residency Curriculum Required Courses**  *(see planning note 7)* | | | | | |
| *13 credit hours* | | | | |  |
| PH 2255 | 4 | Clinical Occupational Medicine |  |  |  |
| PH 2260 | 3 | Occupational Health Field Trips |  |  |  |
| PH 2265 | 2 | Occupational Medicine Practice *(taken twice; see planning note 8)* |  |  |  |
| PH 2265 | 2 | Occupational Medicine Practice *(taken twice; see planning note 8)* |  |  |  |
| PH 2270 | 2 | Total Worker Health and Worker Well-being |  |  |  |
| **Practicum** | | | | | |
| *3 credit hours* | | | | | *Competencies* |
| PH 9997M | 3 | Practicum in Occupational Medicine *(see planning note 9)* |  |  |  |
| **Total Credits** | **50** | *(see planning note 7)* | | | |

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| **Optional Curriculum: Industrial Hygiene** | | | | | |
| Course | Credits | Tile | Semester & Year | Grade | Corresponding Competencies |
| **Industrial Hygiene Curriculum Required Courses**  *(see planning note 10)* | | | | | |
| *17 credit hours* | | | | |  |
| PHM 2155 | 4 | Environmental Sampling & Analysis |  |  |  |
| PH 2241L | 3 | Fundamentals of Occupational Safety |  |  |  |
| PH 2246L | 3 | Principles of Occupational Ergonomics |  |  |  |
| PH 2250 | 4 | Occupational Health Controls |  |  |  |
| PH 2260 | 3 | Occupational Health Field Trips |  |  |  |
| **Total Credits** | **54** | *(see planning note 10)* | | | |

**Planning Notes:**

**Planning Note 1 (PH 101):** This course is required for all students enrolled in the MPH in Environmental Health. 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 2 (Selected Required Course):**Students are required to complete a 3-credit hour course from the courses listed. Students who complete *PH 2245 Fundamentals of Industrial Hygiene (4 credits),* are only required to complete 8 hours of electives. Students who complete *PH 2245 Fundamentals of Industrial Hygiene (4 credits),* are only required to complete 8 hours of electives. Students completing the optional Occupational Medicine Residency curriculum should refer to *Planning Note 7*. Students completing the optional Industrial Hygiene curriculum should refer to *Planning Note 10*.

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| *Selection 1: 3 credit hours of selected required coursework* | | |
| PH 2150 | 3 | *Air Environment* |
| PHM 2230L | 3 | *Water Environment* |
| PH 2245 | 4 | *Fundamentals of Industrial Hygiene* |

**Planning Note 3 (Electives):** Students are required to complete at least 3 credit hours of the 8 or 9 credit hours (see planning note 2) of EOHS coursework *(2000-2499)*. Students should consult with their advisor when selecting elective courses.

**Planning Note 4 (Practicum):** Students must integrate a minimum of five competencies into their practicum experience and final product(s). Of the competencies selected, a minimum of three must come from the [MPH Foundational Competencies](https://uthtmc.sharepoint.com/sites/SPH-mySPH/SitePages/CEPH-Competencies-MPH-Foundational.aspx). The remaining two competencies can be selected from either the MPH Foundational Competencies or the student’s respective [MPH Major-Specific Competencies](https://uthtmc.sharepoint.com/sites/SPH-mySPH/SitePages/CEPH-Competencies-MPH-Major.aspx)). Students should refer to the [Practicum Overview](https://uthtmc.sharepoint.com/sites/SPH-mySPH/SitePages/Practicum-Overview.aspx) page in mySPH for further information.

**Planning Note 5 (Integrative Learning Experience):** Students may choose to complete the Integrative Learning Experience (ILE) requirement through one of the below available options. Students should refer to the [MPH Integrative Learning Experience Guide and Instructions](https://web.sph.uth.edu/student-forms/Student%20Resources/Guides/Guide.MPH_ILE_Options.2019.pdf) for information and requirements. Students must attain a minimum of two MPH Foundational Competencies and two major-specific competencies through the ILE. Students should work with their faculty advisor to select an ILE appropriate for the academic and professional goals.

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| ILE Options for MPH Students Listed by Major | | | |
| MPH Academic Major | Capstone Course | Independent ILE | Traditional Academic Thesis |
| Environmental Health | PHWM 2496\*  [MPH1, MPH19, MPH-O1, MPH-02] | PHM 9998 | PHM 9998 |

\*These courses have been offered online within the last academic year.

**Planning Note 6 (Total Credits):** Completion of a prescribed course of study of at least one (1) academic year and a minimum of 45 semester credit hours. Only three (3) credit hours of practicum and three (3) credit hours of an integrative learning experience count toward the minimum of 45 semester credit hours. Therefore, at least 39 credit hours of courses other than practicum or an integrative learning experience must be successfully completed.

**Planning Note 7 (Occupational Medicine Residency Curriculum Required Courses):** Students who elect to complete the optional Occupational Medicine Residency curriculum are required to complete the listed 13 credit hours in addition to their Public Health Core Courses, Environmental Health Required Courses, Practicum (*see Planning Note 9*) and Integrative Learning Experience. Occupational Medicine Residents will complete the 13 credit hours of coursework in lieu of electives. Occupational Medicine Residents must select *PH 2245 Fundamentals of Industrial Hygiene (4 credits)* from the three options under *Planning Note 2*. Occupational Medicine Residents will complete a minimum of 50 credit hours per the degree planner.

**Planning Note 8 (Occupational Medicine Practice):** Students enrolled in Occupational Medicine Residency program are required to complete *PH 2265 Occupational Medicine Practice* twice for a total of 4 credit hours.

**Planning Note 9 (Occupational Medicine Practicum):** Students enrolled in Occupational Medicine Residency are required to complete PH 9997M as their Practicum.

**Planning Note 10 (Industrial Hygiene Curriculum Required Courses):** Students who elect to complete the optional Industrial Hygiene curriculum are required to complete the listed 17 credit hours in addition to their Public Health Core Courses, Environmental Health Required Courses, Practicum and Integrative Learning Experience. Students in the Industrial Hygiene program will complete the 17 credit hours of coursework in lieu of electives. Students who elect to complete the optional Industrial Hygiene curriculum must select *PH 2245 Fundamentals of Industrial Hygiene (4 credits)* from the three options under *Planning Note 2*. Students who elect to complete the optional Industrial Hygiene curriculum will complete a minimum of 54 credit hours per the degree planner.