

Department of Human Genetics

MPH in Public Health Genetics Program

*Example Timeline and checklist for full-time students matriculating after Summer 2018*

This timeline is an example only and may change if the student is part-time or wants to take specific electives that may conflict with the current course times.

Updated August 21, 2019

Year 1 fall semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | BIOST 2041 | Introduction to Statistical Methods 1 | 3 credits |
|  | PUBHLT 2022 | The Dean's Public Health Grand Rounds | 0 credits |
|  | HUGEN 2010 | Bioinformatic Resources for Geneticists | 1 credit |
|  | HUGEN 2022 | Human Population Genetics | 2 credits |
|  | HUGEN 2025 | Human Genetics Seminar | 0 credits |
|  | HUGEN 2040 | Molecular Basis of Human Inherited Disease | 3 credits |
|  | HUGEN 2049 | Introduction to Public Health Genetics | 3 credits |
|  | PUBHLT 2033 | Foundations in Public Health | 1 credit |
|  | PUBHLT 2034 | Public Health Communications (or take in Spring) | 2 credits |
|  | course number | Special Studies or Elective or Practicum | 0-3 credits |

Practicum, research and professional development

|  |  |  |  |
| --- | --- | --- | --- |
|  | Attend Human Genetics Department Retreat at Pymatuning. *Not a program requirement, but highly encouraged* | | |
|  | | Complete the following CITI research training modules available at www.citi.pitt.edu/citi/ | |
|  | |  | Conflicts of Interest |
|  | |  | Responsible Conduct of Research |
|  | |  | Human Subjects Research |
|  | |  | Animal Research (if applicable) |
| cancel and meet next week. | | Think about practicum area (many applications for summer are due in January/February) | |

Year 1 spring semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | BCHS 2509 | Social and Behavior Sciences and Public Health | 3 credits |
|  | EOH 2013 | Environmental Health and Disease | 2 credits |
|  | HPM 2001 | Introduction to Leadership, Management and Policy for Public Health | 3 credits |
|  | HUGEN 2025 | Human Genetics Seminar | 0 credits |
|  | HUGEN 2034 | Biochemical Genetics of Complex Disease | 3 credits |
|  | HUGEN 2052 | Ethical Issues in Clinical and Public Health Genetics | 1 credit |
|  | PUBHLT 2022 | The Dean's Public Health Grand Rounds | 0 credits |
|  | PUBHLT 2034 | Public Health Communications (or take in Fall) | 2 credits |
|  | course number | Special Studies or Elective or Practicum | 0-3 credits |

Practicum, research and professional development

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| --- | --- |
|  | Apply for several practicum opportunities |
|  | Finalize plans for the practicum and complete Practicum Learning Objectives Form |

Year 1 summer semester

Practicum, research and professional development

|  |  |
| --- | --- |
|  | Attend HUGEN Summer MPH meetings (to discuss essay ideas/data analysis/survival skills) |
|  | Complete practicum |
|  | Complete practicum evaluation form with practicum mentor |
|  | Complete student evaluation of practicum form |
|  | Begin work on MPH essay (obtaining a data set and writing) |
|  | Submit exemption for PUBHLT 2015: Public Health Biology to Candy or Andrea |

Year 2 fall semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | EPIDEM 2110 | Principles of Epidemiology | 3 credits |
|  | HUGEN 2011 | Scientific Writing in Human Genetics | 1 credit |
|  | HUGEN 2053 | Applications in Public Health Genetics & Genomics | 2 credits |
|  | PUBHLT 2015 | Public Health Biology (unless exempt) | 2 credits |
|  | PUBHLT 2035 | Applications in Public Health | 2 credits |
|  | course number | Elective courses and/or Practicum credits | 0-7 credits |

Practicum, research and professional development

|  |  |
| --- | --- |
|  | Obtain IRB approval for MPH Essay project, if required |
|  | Attend a one-on-one meeting and/or workshop with Career Services for resume writing |
|  | Attend a one-on-one meeting and/or workshop with Career Services for interviewing skills |
|  | Attend APHA Annual Conference (or other conference, if able to do so) |
|  | Invite faculty to serve as Essay readers; submit essay committee names to Noel Harrie |
|  | Ask essay readers at what stages they would like to read document, and when  (e.g., outline, draft of background, complete initial draft, final draft) |
|  | Arrange weekly meetings/communications with primary reader beginning Fall semester |
|  | Develop a timeline for completion of essay |

Year 2 spring semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | course number | Special Studies or Elective courses | 1-15 credits |
|  | course number | Special Studies or Elective courses | 0-15 credits |
|  | course number | Special Studies or Elective courses | 0-15 credits |

\* Students must register for at least 1 credit for the semester they plan to graduate

Practicum, research and professional development

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| --- | --- |
|  | Apply to graduate in Spring (or Summer) |
|  | Begin applying to and interviewing for jobs |
|  | Discuss participation in Dean’s Day Student Research Symposium with research or program mentor |
|  | Submit complete draft of the MPH Essay to the primary reader by mid-March |
|  | Submit final draft of the MPH Essay to all readers by April 1 |
|  | Obtain feedback from readers and incorporate their changes to the MPH Essay document |
|  | Obtain signatures from all readers and upload final version of electronic essay document |