

MS in Human Genetics Program

*Timeline and checklist 2017*

Updated August 22, 2017

Year 1 fall semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | BIOST 2041 | Introduction to Statistical Methods 1 | 3 credits |
|  | EPIDEM 2110 | Principles of Epidemiology | 3 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 |
|  | PUBHLT 2022 | The Dean's Public Health Grand Rounds | 0 credits |
|  | HUGEN 2021 | Special Studies | 0-3 credits |
|  | course number | elective course | 0-3 credits |

Research and professional development

|  |  |  |
| --- | --- | --- |
|  | Interview potential mentors and begin thesis research project | |
|  | 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) |

Year 1 spring semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | BIOST 2042 | Introduction to Statistical Methods 2 | 3 credits |
|  | HUGEN 2025 | Human Genetics Seminar | 0 credits |
|  | HUGEN 2028 | Human Genetics Journal Club and Peer Review | 1 credit |
|  | HUGEN 2031 | Chromosomes and Human Disease | 3 credits |
|  | HUGEN 2034 | Biochemical Genetics of Complex Disease | 3 credits |
|  | PUBHLT 2011 | Essentials of Public Health | 3 credits |
|  | PUBHLT 2022 | The Dean's Public Health Grand Rounds | 0 credits |
|  | HUGEN 2021 | Special Studies | 0-2 credits |
|  | course number | elective course | 0-2 credits |

Research and professional development

|  |  |
| --- | --- |
|  | Continue thesis research |
|  | or |
|  | Interview potential mentors and begin thesis research project |
|  | Discuss participation in Dean’s Day Student Research Symposium with research mentor |

Year 2 fall semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | HUGEN 2011 | Scientific Writing in Human Genetics | 1 credit |
|  | PUBHLT 2030 | Research Ethics | 1 credit |
|  | HUGEN 2021 | Special Studies | 3 credits |
|  | course number | elective course | 0-3 credits |

Research and professional development

|  |  |
| --- | --- |
|  | Continue thesis research |
|  | or |
|  | Interview potential mentors and begin thesis research project |
|  | Invite faculty to serve on Comprehensive Exam committee; submit committee to Noel Harrie |
|  | Schedule date of Qualifying Examination for fall or early spring semester |
|  | Take Comprehensive Examination unless scheduled for spring |
|  | Invite faculty to server on thesis committee |

Year 2 spring semester

Coursework

|  |  |  |  |
| --- | --- | --- | --- |
|  | HUGEN 2021 | Special Studies | 1 credits |
|  | course number | elective course | 0-3 credits |

Research and professional development

|  |  |
| --- | --- |
|  | Continue thesis research |
|  | Discuss participation in Dean’s Day Student Research Symposium with research mentor |
|  | Schedule date of the thesis defense |
|  | Defend thesis; upload electronic thesis document |