

MS in Human Genetics Program

*Timeline and checklist 2017*

Updated August 22, 2017

Year 1 fall semester

Coursework

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|[ ]  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

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|[ ]  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

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|[ ]  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

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|[ ]  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

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|[ ]  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

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|[ ]  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

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

Research and professional development

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|[ ]  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  |