MS in Human Genetics Program
Timeline and checklist 2022
Updated November 1, 2022

Year 1 fall semester

Coursework

☐ BIOST 2041 Introduction to Statistical Methods 3 credits
☐ EPIDEM 2110 Principles of Epidemiology 3 credits
☐ HUGEN 2020 Population Genetics and Genetic Epidemiology 3 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 Academic Integrity Training
☐ Complete Laboratory Safety Training (e.g., Chemical Hygiene, Bloodborne pathogens, if applicable)
☐ 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

☐ HUGEN 2010  Bioinformatic Resources for Geneticists  1 credit
☐ HUGEN 2025  Human Genetics Seminar  0 credits
☐ HUGEN 2028  Human Genetics Journal Club and Peer Review  1 credit
☐ PUBHLT 2011  Essentials of Public Health  3 credits
☐ PUBHLT 2022  The Dean's Public Health Grand Rounds  0 credits
☐ HUGEN 2021  Special Studies  2-8 credits

electives
☐ HUGEN 2060  Chromosome Structure and Function  2 credits
☐ HUGEN 2090  Genetics of Complex Disease 1  2 credits
☐ HUGEN 2091  Genetics of Complex Disease 2  1 credits
☐ course number  elective course  0-3 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 0-13 credits

Electives
☐ HUGEN 2029 Introduction to Gene Mapping 3 credits
☐ course number elective course 0-3 credits

Research and professional development

☐ Continue thesis research or interview potential mentors and being thesis research project
☐ Invite faculty to serve on Comprehensive Exam committee; submit committee to Noel Harrie
☐ Schedule date of Comprehensive Examination for fall or early spring semester
☐ Take Comprehensive Examination unless scheduled for early spring
☐ Invite faculty to serve on thesis committee

Year 2 spring semester

Coursework

☐ HUGEN 2021 Special Studies 1-15 credits
☐ course number elective course 0-3 credits

Research and professional development

☐ Continue thesis research
☐ Take Comprehensive Examination in early spring semester if not already taken
☐ Discuss participation in Dean’s Day Student Research Symposium with research mentor
☐ Schedule and defend thesis; upload electronic thesis document