MS in Human Genetics Program

Timeline and checklist 2021
Updated October 28, 2021

Year 1 fall semester

Coursework

☐ BIOST 2041 Introduction to Statistical Methods 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**

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HUGEN 2025</td>
<td>Human Genetics Seminar</td>
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<td>HUGEN 2028</td>
<td>Human Genetics Journal Club and Peer Review</td>
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<td>HUGEN 2060</td>
<td>Chromosome Structure and Function</td>
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<td>HUGEN 2090</td>
<td>Genetics of Complex Disease 1</td>
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<td>HUGEN 2091</td>
<td>Genetics of Complex Disease 2</td>
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<td>PUBHLT 2011</td>
<td>Essentials of Public Health</td>
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<td>PUBHLT 2022</td>
<td>The Dean's Public Health Grand Rounds</td>
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<td>HUGEN 2021</td>
<td>Special Studies</td>
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<tr>
<td>course number</td>
<td>elective course</td>
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**Research and professional development**

- Continue thesis research
- 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                    3-13 credits
☐ course number elective course 0-3 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 server on thesis committee

Year 2 spring semester

Coursework

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