PhD (post-MS) **Sample** Timeline & Milestones

**Research***

<table>
<thead>
<tr>
<th>Fall</th>
<th>6 cr research</th>
<th>6 cr courses</th>
<th>1 cr CLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring</td>
<td>6 cr research</td>
<td>6 cr courses</td>
<td>1 cr ethics</td>
</tr>
<tr>
<td>Summer</td>
<td>6 cr research</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Registration**

**PQP Phase**

- Fall: 6 cr research
- Spring: 8 cr research
- Summer: 6 cr research
- Courses as needed

**End of 1st year**

**PQP Phase I**
- QLA passed
- Submit student portfolio with QLA (August)

**End of 2nd year**

**PQP Phase II**
- POS Meeting +
  - (November)

**End of 3rd year**

**PQP Phase III**
- Preliminary Exam passed
  - (End of second year)

**Technical presentation†**
- 1st author journal publication

**Additional 1st author journal publication(s)***

**Research registration as needed until graduation**

**Final exam passed or within reasonable length of time hereafter……..**

- Could be taken Spring, Summer, or Fall.
- Advisory Committee meetings should happen at least once each year.
- The research milestones listed are not graduate requirements, but rather typical expected progress.
- Could be poster, oral or paper presentation.
- Three publications are deemed minimum for faculty positions at high quality institutions; one patent can substitute for one journal publication.
- You are required to present your research in Summer Seminar at the end of your second year.