Student Name: ___________________________ Student ID #: ___________ Email: ____________________

Research Advisor: _________________________ Co-Advisor (if applicable): _______________________

A total of 135 units is required for the Ph.D. Degree. Of these units:

- 48 must include Materials Science and Engineering core and approved technical units including:
  - 30 required MatSci core course units, including MatSci 201-210**
  - 15 approved technical units, which are usually substantive engineering courses and directly relevant to Materials Science & Engineering**
  - 3 units of MatSci 230 – Colloquium (taken in Autumn/Winter/Spring of first-year)

^MatSci 206 may be replaced with ME 209.
*All 45 core and technical units MUST be letter graded (A,B,C,D,F - NOT P/NC).
**Research, seminar, teaching, CPT, required EFS courses may NOT be used for the 45 core/technical units, but may be used for the 135 total units needed for Residency.

- 87 are residency units (typically 75-87 research units in MatSci 300)

1. REQUIRED MatSci Core Courses* (30 units)

   MATSCI 201  MATSCI 202  MATSCI 203^^  MATSCI 204^^
   MATSCI 205  MATSCI 206^  MATSCI 207^^  MATSCI 208
   MATSCI 209  MATSCI 210

*MatSci 206 may be replaced with ME 209.
^^Courses that must be completed in the first-year in order to take the Qualifying Exam.

2. APPROVED Technical Elective Units** (15 units*) – list those completed as of quals exam

<table>
<thead>
<tr>
<th>(Course Number)</th>
<th>(Course Title)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. _____________</td>
<td>________________</td>
</tr>
<tr>
<td>2. _____________</td>
<td>________________</td>
</tr>
<tr>
<td>3. _____________</td>
<td>________________</td>
</tr>
<tr>
<td>4. _____________</td>
<td>________________</td>
</tr>
<tr>
<td>5. _____________</td>
<td>________________</td>
</tr>
</tbody>
</table>

3. MATSCI 230 Colloquium (1 unit x three quarters) – check if completed or fill-in EFS course #

   Autumn ________ Winter ________ Spring ________

An MS Degree is achieved with 45 units successfully completed. The MS Degree (+application fee) must be added in Axess via: Academics > Graduate Program Authorization Petition > MATSCI_MS
4. RESIDENCY UNITS (87 units) – list MATSCI 300 units completed &/or transfer units

Your research units will very likely equal or exceed 75, so only list other courses IF:

a. You transferred in units because you obtained an MS degree in MatSci elsewhere – up to 45 units may be transferred within these guidelines. Transfer must be done in Autumn of first-year.
b. You do not need to list other language classes, seminar units, activity courses, etc.

1. MATSCI 300 PhD Research – 75 units\(^1\)
2. ______________________________
3. ______________________________
4. ______________________________
5. ______________________________

Total residency units to count (87)_____

\(^1\)Research units should be listed as PhD research units (MatSci 300) UNLESS:

a) You did an MS Research Degree here at Stanford University with a separate MS Research Report for which MS research units were earned.
b) You transferred in MS Research units toward your degree from another University where you received an MS degree in Materials Science and Engineering.

135 TOTAL DEGREE UNITS (1+2+3+4)

Date Qualifying Exam was Successfully Completed: __________________________

Signatures Below:

Student: ________________________________ Date: ___________

Research Advisor: ________________________________ Date: ___________

Co-Advisor (Academic) Advisor: ________________________________ Date: ___________

(If your Research Advisor is from another department, your Co-Advisor must approve list of elective technical courses.)

Student Services Manager: ________________________________ Date: ___________

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

For Office Use Only

System Input: ____/____/_____