Materials Engineering MS and PhD Degree Checklist
(GAC: Graduate Affairs Committee)

☐ Did you enter this program having taken courses in another graduate program? Yes____ No ____
If Yes, then you may petition the GAC to waive up to 2 lecture/lab courses (≤6 Cr).

☐ Have you defended a Master Thesis? Yes____ No ____
If Yes, then you may petition to waive MS thesis and proceed directly to PhD. However, the GAC might require that you take more than the usual 5 “beyond MS” courses.

<table>
<thead>
<tr>
<th>MASTERS OF SCIENCE COURSE REQUIREMENTS</th>
<th>Course number and title</th>
<th>Term and Year</th>
<th>Grade</th>
<th>GAC appr?</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ 5 lecture/lab courses (≥14 cr) with 3 (≥8 cr) at graduate-level.</td>
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<tr>
<td>Course load may be reduced by as many as 2 courses (≤6 cr) taken in other graduate program if approved by GAC (signature required).</td>
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<tr>
<td>☐ Grad thermo (MSE 530 or equivalent), 2 semesters MSE 900 seminar, and advanced math are required. MSE 900 does not count toward 5 courses or 14 credit minimum.</td>
<td>☐ MSE 530 ☐ Advanced Math ☐ 900 Seminar</td>
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</tbody>
</table>

☐ At least B average (all courses certified for graduate credit)? **
☐ At least 50% courses at exclusive graduate level (typically 600 and above in COE)? **
☐ At least 30 credit hours and at least 16 credit hours while in residence? **
☐ Write and defend an MS Thesis (Fill this out even if you received MS from another program)

Major: ___________________ Institution: ___________________
Dissertation: ___________________
Date: __________ GAC Approval: ___________________
Additional conditions required by GAC (for MS from another program):
________________________________________________________

** Graduate school requirements; usually the answer is “yes” by the time a student defends
Materials Engineering MS and PhD Degree Checklist, Continued
(Including PhD course requirements beyond the Masters)

<table>
<thead>
<tr>
<th><strong>DOCTOR OF PHILOSOPHY COURSE REQUIREMENTS</strong></th>
<th>Course number and title</th>
<th>Term and Year</th>
<th>Grade</th>
<th>GAC Appr?</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ At least 15 lecture/lab class credits beyond MS, including 2 graduate-level MSE courses and 3 courses to satisfy minor.</td>
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<tr>
<td>Course load cannot be reduced based on classes taken in another graduate program. It can be increased at discretion of GAC.</td>
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<tr>
<td>Thermo (MSE 530 or equivalent), advanced math, and 2 semesters MSE 900 seminar are required <em>(these are usually taken as part of MS degree)</em>. MSE 900 and courses counting toward MS do not count toward 15 credit requirement.</td>
<td>☐ MSE 530 ☐ Advanced Math ☐ 900 Seminar</td>
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</tbody>
</table>

GAC Approval if required: _______________________

☐ Minor Option (Check A or B)

Option A (external): _____ Option B (distributed): _____

Program if Option A: ____________________________

Date: ___________ GAC Approval: ________________

☐ At least B average in all courses certified for graduate credit? **

☐ At least 50% courses at exclusive graduate level (typically 600 and above in COE)? **

☐ Pass the qualifying exam? Date: ______________

☐ GAC approval (courses and qualifier): ______________________ Date: ______________

☐ Pass the preliminary exam within 3 years of entering graduate program

   Date of completion: ______________ GAC approval: ______________________

☐ At least 51 credit hours and at least 32 credit hours while in residence**

☐ Write and defend Ph.D. dissertation

   Dissertation ____________________________________________________________

   Date of completion: ______________

** Graduate school requirements; usually the answer is “yes” by the time a student defends