The Master of Science in Product Design and Manufacturing:  
Thesis Program Planning Sheet

Student Name:_____________________________  BU ID# __________________________
Email Address:____________________________
Advisor Name:____________________________
Expected Graduation Date:_________________

1) Core Requirements – 16 credits

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Credits</th>
<th>Semester/Year</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 690¹</td>
<td>Advanced Product Design</td>
<td>4</td>
<td>Fall</td>
<td>_____</td>
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<tr>
<td>ME 510*</td>
<td>Production Systems Analysis</td>
<td>4</td>
<td>Fall</td>
<td>_____</td>
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<tr>
<td>ME 690¹</td>
<td>Advanced Product Design</td>
<td>4</td>
<td>Spring</td>
<td>_____</td>
</tr>
<tr>
<td>ME 584*</td>
<td>Manufacturing &amp; Supply Chain Strategy</td>
<td>4</td>
<td>Spring</td>
<td>_____</td>
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</tbody>
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2) Design & Manufacturing Requirement – 8 credits

<table>
<thead>
<tr>
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<th>Course Name</th>
<th>Credits</th>
<th>Semester/Year</th>
<th>Grade</th>
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<tbody>
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</tbody>
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3) Thesis – 8 credits

<table>
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<tr>
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<th>Semester/Year</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME 954</td>
<td>Master’s Thesis</td>
<td>4</td>
<td>__________</td>
<td>_____</td>
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<td>__________</td>
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</tr>
</tbody>
</table>

Approved By:

________________________________________  ____________________________________
Advisor Signature  Date  Student Signature  Date
The Master of Science in Product Design and Manufacture without Thesis
Curricular Requirements

The program requires 32 credit hours at the 500-level or above. At least 20 credits must be ME courses. At least 24 credits must be taken at Boston University. To graduate, a cumulative grade point average of at least 3.0 (B) must be attained.

If necessary, student can take more than 32 credits and drop the lowest grade. Grades of C– or lower are not acceptable for master’s degrees under any circumstance. Successful completion of a 3-credit course in either the College of Arts and Sciences or the Questrom School of Business does not obviate the need to complete 32 credits. Students are permitted to take a single course multiple times to achieve the GPA requirement, but will only receive 4 credits if used against the degree requirements.

1. Design and Manufacture Electives (8 credits)
Each student must complete two 500-level or above elective courses in Design and Manufacturing to fulfill the Design and Manufacture Requirement.

**Fall Courses**
- ME 502 Intellectual Assets
- ME 517 Product Development
- ME 555 MEMs: Fabrication and Materials
- ME 579 Nano/Microelectronic Device Manufacturing
- BE 695 Advanced Biomedical Design and Development

**Spring Courses**
- ME 507 Process Modeling and Control
- ME 518 Product Quality
- ME 526 Simulation of Physical Processes
- BE 695 Advanced Biomedical Design and Development

2. Master’s Thesis (8 credits)
Each student must complete a total of at least eight credits of Master’s thesis research. Please consult page 13 of the Master’s Handbook, titled “Writing a Thesis”, and/or the Academic Programs Manager for information on thesis credits registration.

**Notes:**
1. ME 690 is a two semester course.
2. BE 695 is an 8 credit course that may only be taken upon availability and permission of the instructor.

# Additional practicum courses may also be used to fulfill the elective requirement.