Sample Plan 2: 5yr. B.S. / M.S. Degree

The M.S. Plan of Study for 5 yr BS/MS students is somewhat different from the regular M.S. plan. It contains the same basic degree requirements as the ‘regular’ M.S., but it differs slightly in how the plan is recorded on the POS document.

The plan will contain the standard requirements (4 credits of Life Science obtained through Mammalian Physiology; 3 credits of math; 9 credits of engineering coursework to include Quantitative Physiology; 7-9 credits of 5994 Research, and the remaining credits up to 30 in electives). Only 5000-level (or above) coursework is permitted on the plan, except for those students who took graduate-approved 4000-level courses prior to Fall 2009.

The courses which will be ‘double-counted’ for both the B.S. and the M.S. degrees must be listed in the “Transfer Course” area of the plan document (even though they are not “transfer” courses). Type in “Virginia Tech” as the transferring university on the fill-able form. You must also include the grade earned at the end of the course title.

*********************************************************************************************

Proposed Graduate Program of
Samwise Gamgee (904-00-0000)

Leading to the Degree of
Master of Science
In
Biomedical Engineering
Biomechanics Theme Area

<table>
<thead>
<tr>
<th>Year</th>
<th>Sem.</th>
<th>Dept. and Course No.</th>
<th>Course Title</th>
<th>Credits</th>
<th>Subj. Area** Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>Spring</td>
<td>BMES 5994</td>
<td>Research and Thesis</td>
<td>7</td>
<td>(Total Research Credits)</td>
</tr>
</tbody>
</table>

4000 Level Courses (Applies to coursework taken prior to Fall 2009 at VT only – Max. 6 credits)
None

600/5000 and Higher Level Courses

<table>
<thead>
<tr>
<th>Year</th>
<th>Sem.</th>
<th>Dept. and Course No.</th>
<th>Course Title</th>
<th>Credits</th>
<th>Subj. Area**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>Fall</td>
<td>ESM 5224</td>
<td>Advanced Musculoskeletal Biomechanics</td>
<td>3</td>
<td>ENGR</td>
</tr>
<tr>
<td>2007</td>
<td>Fall</td>
<td>BMES 5984</td>
<td>SS: Biomechanics of Crash Injury Prev.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Spring</td>
<td>ESM 5305</td>
<td>Cardiovascular Biomechanics</td>
<td>3</td>
<td>ENGR</td>
</tr>
<tr>
<td>2008</td>
<td>Spring</td>
<td>ESM 5984</td>
<td>SS: Biodynamics &amp; Control</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

600/4000/5000 Level Math Requirement (Min. 3 credits)

<table>
<thead>
<tr>
<th>Year</th>
<th>Sem.</th>
<th>Dept. and Course No.</th>
<th>Course Title</th>
<th>Credits</th>
<th>Subj. Area**</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>Spring</td>
<td>STAT 5616</td>
<td>Statistics in Research</td>
<td>3</td>
<td>MATH</td>
</tr>
</tbody>
</table>

Transfer Courses (type grade earned after course title)
5yr BS/MS Program: List “double-count” courses here – include grade earned
2006 Fall BMES 5004 Intro to Mammalian Physiology / A 4 LS
2006 Fall ESM 5314 Intermediate Dynamics / B+ 3
2007 Spring BMES 5014 Quantitative Physiology / A- 3 ENGR

**Total Course Credits Toward Degree**
25

**Total Credits Toward Degree (coursework + research hours)**
32

**Other Credits (Supporting Courses) (not counting toward requirements)**
None

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**Signatures of Advisory Committee: (above typed names)**

(Type Committee Chair’s Name here), Chairman

Samwise Gamgee
940-00-0000
Apartment 123-A,
321 Sweet St.
Blacksburg, VA  24060

(Type Committee Member’s Name here), Member

(Type Committee Member’s Name here), Member

(Type Committee Member’s Name here), Member

(Type Extra Member’s Name here if desired), Member

Dr. H. Clay Gabler, Ph.D., GPC Chairman

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** Subject area designations: Used to help visually track completion of minimal BMES program requirements:  LS = Life Sciences; ENGR = Engineering courses; MATH = Math.  DO NOT LABEL ALL THE COURSES ON THE PLAN – just the ones designated to meet requirements.**