Sample Plan 2: UG/G Accelerated Degree  
(Previously - the “5yr BS/MS” Degree)

The Plan of Study for the Accelerated Undergraduate/Graduate Degree program is somewhat different from the normal M.S. and/or Ph.D. plan. It contains the same basic degree requirements, but it differs slightly in how the plan is recorded on the POS document.

The plan will contain the standard requirements for either the M.S. or the Ph.D. degree. Unlike the old 5-year BS/MS routine, UG/G applicants can choose whether to get a head start on an M.S. or on a Ph.D. degree. Only 5000-level (or above) coursework is permitted on the plan. This degree program is only available on the VT campus.

The courses which will be ‘double-counted’ for both the B.S. and the graduate degree must be listed in the “Transfer Course” area of the plan document (even though they are not really “transfer” courses). You 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. Below is a sample plan for someone planning to pursue an M.S. accelerated degree.

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‘Do’s and Don’ts on Filling out the POS form:

1) Research section  → Put the year and semester you expect to graduate – all credits on one line.

2) Main course-list section (pg. 1):
   → Make sure you type course numbers and credits accurately.
   → Consult your unofficial transcript to check accuracy of information.
   → Do NOT label ALL of your courses in the far-right column – just the ones meeting the minimum requirements. “Elective” courses are not labeled.

3) Math section  → Courses meeting the Math Requirement go here – not up in the main course section

4) Transfer section (pg. 2)  → List the Virginia Tech courses that will be ‘double-counted’ here – limit is 12 credits – type the grade earned for each.

5) Supporting Courses section:  **Different instructions for each campus

   VT campus  → Record Year/Term you began – type the following on the first line:

   2013 Fall  BMES 5944  Ethics requirement met through Seminar course

   WFU campus  → List the mandatory courses you took from the WFU grad school:

   2012 Fall  GRAD 713  Scientific Integrity  1
   2013 Fall  GRAD 714  Professional Development  1

(These items satisfy the ‘Ethics’ requirements mandated by both WFU and Virginia Tech)
6) Seminar section → Record the number of semesters you’re enrolled for seminar up to the semester you expect to graduate – credits do NOT count toward the degree. Do NOT include your senior year. Begin from the semester when you became a full-time graduate student. If that semester is before Fall of 2013, record ‘Fall 2013’ in the first box and count from there. If you began in Fall of 2013 or after, record the year and semester of full-time graduate study and count from there.

NOTE: The Seminar course began in Fall 2013

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Proposed Graduate Program of
Samwise Gamgee (904-00-0000)
Leading to the Degree of Master of Science
In
Biomedical Engineering
Theme Area: Biomechanics

<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></td>
<td></td>
<td></td>
<td>Research / Thesis (6-9 credits)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>Spring</td>
<td>BMES 5994</td>
<td>Research and Thesis</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Last yr. /sem. Attending)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Total Research Credits)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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** Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>Fall</td>
<td>BMES 5984</td>
<td>SS: Fund Neuromuscular Cntrl. Sys</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>2013</td>
<td>Spring</td>
<td>BMES 5024</td>
<td>Biomedical Engineering &amp; Human Disease</td>
<td>3</td>
<td>LS</td>
</tr>
<tr>
<td>2013</td>
<td>Spring</td>
<td>ESM 5305</td>
<td>Cardiovascular Biomechanics</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** Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>Fall</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) – School is “Virginia Tech”
UG/G Program: List “double-count” courses here – include grade earned

<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>2011</td>
<td>Fall</td>
<td>BMES 5014</td>
<td>Quantitative Physiology / B+</td>
<td>3</td>
<td>ENGR</td>
</tr>
<tr>
<td>2011</td>
<td>Fall</td>
<td>ESM 5734</td>
<td>Intro to Finite Elements / B+</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>2012</td>
<td>Spring</td>
<td>BMES 5984</td>
<td>SS: Quantitative Physiology II / A-</td>
<td>3</td>
<td>ENGR</td>
</tr>
<tr>
<td>2012</td>
<td>Spring</td>
<td>ESM 5304</td>
<td>Mechanical &amp; Struct. Vibrations / A</td>
<td>3</td>
<td>ENGR</td>
</tr>
</tbody>
</table>

Total Course Credits Toward Degree

Total Credits Toward Degree (coursework + research hours)
Other Credits (Supporting Courses)  (not counting toward requirements)

2013 Fall  BMES 5944  Ethics requirement met through Seminar course  0

Seminar Requirement  (sign-up required every Fall /Spring semester until graduation)

Fall 2013  Sprg 2014  2  BMES 5944/708  Seminar / Topics in BME  2  SEM

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

Date Submitted to Graduate Office:

(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

** 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.