

BME Graduate Students Requirements / Milestones Checklist

COURSE WORK REQUIREMENTS/MILESTONES

MASc.

- Must complete 9 units of course work, constituting 3 half-year courses (**9 units**) including BIOMED 701 or 706 (**3 units**)
- 701 if you have a health/life science background; 706 if you have an engineering background
- For students from engineering backgrounds, 1 of the 2 courses must be from the health sciences offerings.
- For students from health/life sciences, 1 of the 2 courses must be from the Engineering offerings.
- All graduate courses for BME must be from engineering, science or health sciences.
- At least 2 courses must be at the 700 level - courses are either a half (3 units) or quarter course (1.5)
- 600 level courses are offered as half courses (3 units) – only 1 permitted
- 50% of courses must be from Biomedical or cross-listed
- All courses require the consultation and permission of your supervisor

Three courses required (total of 9 units): <ul style="list-style-type: none"> • At least 2 at 700 level (plus 1 a 600 or 700 level) • At least 2 from SBME (or cross listed as BIOMED) • All course require consultation and permission of supervisor • Course selection depends on student undergraduate degree 	
Engineering Background	Other Background (e.g., Health Science, Life Sciences)
<ul style="list-style-type: none"> • BIOMED 706 • 1 course from Health/Med Sci offerings • 1 more course 	<ul style="list-style-type: none"> • BIOMED 701 • 1 course from Engineering offerings • 1 more course
← 1 of these must be BIOMED 1 must be 700 level →	

Accelerated MASc.

- Must complete 6 units of course work, constituting 2 half-year courses (**6 units**) including BIOMED 701 or 706 (**3 units**)
- 701 if you have a health/life science background; 706 if you have an engineering background
- One other 700 level course in either the fall or winter.
- All courses require the consultation and permission of your supervisor.

Ph.D.

- Must complete 5 units of course work, constituting 2 courses (**6 units**) beyond the masters or 5 beyond the baccalaureate degree.
- For students from engineering backgrounds who have previously taken the core course, one course must be from Health Sciences offerings.
- If the core course is required, one courses beyond the core course must be from health sciences offerings.
- One must be the core course and one additional course must be from the complimentary discipline from their background (engineering students must take at least one 700 level health science course, health/life science students must take at least one 700 level engineering course).
- All graduate courses for BME must be from engineering, science or health sciences.
- 700 level courses are either a half (3 units) or quarter course (1.5)
- 600 level courses are offered as half courses (3 units) – only 1 permitted
- 50% of courses must be from Biomedical or cross-listed
- All courses require the consultation and permission of your supervisor

Two courses required (total of 6 units): <ul style="list-style-type: none"> • At least 1 at 700 level (plus 1 a 600 or 700 level) • At least 1 from SBME (or cross listed as BIOMED)
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<ul style="list-style-type: none"> All course require consultation and permission of supervisor Course selection depends on student undergraduate degree 	
Engineering Background	Other Background (e.g., Health Science, Life Sciences)
<ul style="list-style-type: none"> BIOMED <u>706</u> 1 course from <u>Health/Med Sci</u> offerings 	<ul style="list-style-type: none"> BIOMED <u>701</u> 1 course from <u>Engineering</u> offerings

PROGRAM REQUIREMENTS/MILESTONES FOR ALL STUDENTS

MASc. and Accelerated MASc. Students

TA Training Sessions – September & January

- September for May and September new students – January for January new students
- Students are paid 5 hours to attend this session - mandatory attendance

SGS 101 Academic Research Integrity & Ethics – 201 AODA Training – mandatory

- Must be successfully completed by the end of the month you started your program

701 or 706 Core Course – required course, depending on your background

TA Hours of Work Form

- Due end of the month September or January - mandatory requirement

Career Planning Milestone Training & Report, CARP

- Report due within 12 months - mandatory attendance & report required

Seminar Requirement

- Students must attend all seminars in the Biomedical Engineering Program seminar series. They must present one seminar (at a department seminar, not Engineering or at an International Conference) on the research they have carried out while enrolled in the program.

Supervisory Committee Meeting – Annual Requirement

- Within 12 months, mandatory requirement – **supervisor plus 2 members**
- Accelerated students should do around the half-way point.

Transfer Exam Option – *not available for the Accelerated MASc. students*

- Transferring to the Ph.D. program prior to completing a Master's degree
- Requires 2 courses with a least a B+
- Transfer report completed not later than five terms (20 months) after initial registration
- The transfer exam and PhD qualifying/comprehensive are two completely different items. Anyone who transfers from MASc to PhD needs to do both
- Seminar Presentation** - If a student transfers then they only need to do 1 departmental presentation. If they defend MASc first then do PhD, they definitely need to do 2 presentations (one for each degree they get).

Defence

- Complete within 24 months, 12 months for Accelerated option; scheduled by student and department

Ph.D. Students

TA Training Sessions – September & January

- September for May and September new students; January for January new students
- Students are paid 5 hours to attend this session - mandatory attendance

SGS 101 Academic Research Integrity & Ethics – 201 AODA Training – mandatory

- Must be successfully completed by the end of the month you started your program

Career Planning Milestone Training & Report, CARP

- Report due within 12 months - mandatory attendance & report required

Comprehensive Exam

- Between 12 and 20 months after the start of the program. Must be completed within 24 months after the start date. Supervisor, 2 members of SCM, 1 external member.
- Accelerated Ph.D. students must complete in Year 2.

Supervisory Committee Meetings – Annual Requirement

- Ph.D. – 1st one due within 12 months; yearly for the next 3 years - **supervisor plus 2 members**

Defence

- Completed within 48 months; 36 months for Accelerated option, scheduled by SGS

Whereas this information is for general purposes, the Graduate Calendar is the governing body and must be adhered to.
Biomed/requirements milestones/BME Graduate Students Requirements Milestones Checklist
August 2020