Life Science Credits Requirement

In order to fulfill the life science requirement for the Ph.D. degree in Biomedical Engineering students must acquire a minimum of seven (7) credit hours in approved coursework.

Four (4) of the seven hours are earned with the required BMES 5004: Mammalian Physiology class usually offered in the fall semester. The remaining hours can be earned through enrollment in one or more upper division life science courses offered through one of three possible avenues:

A) Approved BMES life science courses: (applies to students on both campuses)

   The following courses have been designated as ‘life science’ courses suitable for degree requirements. At this time there are two choices (besides Mammalian Physiology mentioned above).

   BMES 5984  Injury Physiology
   BMES 5024  Biomedical Engineering and Human Disease

B) Courses meeting the life science requirement from the following departments at Virginia Tech:

   BMVS    Biomedical & Veterinary Sciences
   BIOL    Biology
   BCHM    Biochemistry
   ALS     Agriculture and Life Sciences

C) Courses meeting the life science requirement at Wake Forest:

   Students are advised to see Dr. Craig Hamilton for information regarding approved courses.

NOTE:

It is the student’s responsibility to examine the course descriptions, pre-requisites, and/or restrictions in order to determine whether he/she has sufficient academic background to enroll in a particular course. If course descriptions fail to specify pre-requisites and/or restrictions for registration, the student may find it useful to directly contact the department or the faculty member teaching the class.