Life Science Credits Requirement

In order to fulfill the life science requirement for graduate degrees in Biomedical Engineering students must acquire a minimum of three (3) credit hours in approved coursework. This applies to both M.S. and Ph.D. candidates.

These hours can be earned through enrollment in one (or more, if desired) upper division life science courses offered through one of three possible avenues:

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

The following SBES courses have been designated as ‘life science’ -- suitable for degree requirements. At this time there are two choices.

- BMES 5984 Injury Physiology
- BMES 5024 Biomedical Engineering and Human Disease

▶ Courses outside of SBES meeting the life science requirement on the Blacksburg campus:

5000 and 6000 level courses only from the following departments:

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

▶ Courses outside of SBES meeting the life science requirement on the Winston-Salem campus:

600 and 700 level courses from the following departments:

- BIO Biology
- CHM Chemistry
- BICM Biochemistry and Molecular Biology

Additional approved courses:

- Comparative Medicine (COMD) 706 Animal Models in Biomedical Research
- Health & Exercise Science (HES) 675 Advance Exercise Physiology
- Cancer Biology (CABI 707) Topics in Cancer
- Neurosciences (NEUR 701-1) Intro to Neurosciences 1: Neuroanatomy

Questions about specific courses in these or other departments should be directed to the WFU Program Director, Dr. Kate Saul. Check the SBES website for the most recent update to the approved course list at Wake Forest.

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.