

HTI 5153 Independent Study in Biomedical Engineering Credit Value: 3

Responsible Staff and Department: Dr. Aaron K. L. Leung (HTI)

Recommended Background Knowledge: Nil

Special Note to Students: Consent of subject instructor together with the endorsement of the subject leader must be obtained BEFORE subject registration.

Learning Approach:

Students will be required to undertake guided independent study in depth on a topic mutually agreed upon with the instructor. The student will read widely on the scientific issues and, in specific areas, also in depth. Students may be arranged into a small group of three to four persons to undertake cooperative studies of a subject in tutorial sections with the instructor.

Learning Outcomes:

To facilitate a student who has a particular interest in certain biomedical engineering topic to pursue an independent study in that area under special supervision. If the student enrolment of a particular biomedical engineering subject in a particular term is small, an individual student who meets the subject pre-requisites could register to independently study that BME subject under personal guidance of an instructor.

Syllabus:

The student is expected to study in depth a specific biomedical engineering topic mutually agreed upon with the instructor.