

IBST - INSTITUTE BIOSCI & TECH

IBST 605 Medical Sciences Journal Club

Credit 1. 1 Lecture Hour. Reading, analysis, and discussion of selected recent publications in the biomedical sciences; training in presentation of scientific findings; focus on developing capabilities of critical thinking and evaluating the scientific literature. May be taken 4 times for credit.

Prerequisite: Graduate classification.

IBST 606 Research in Progress

Credit 1. 1 Lecture Hour. Presentation of ongoing dissertation research on an annual basis; mandatory for IBT students, students with 6+ year are exempted; presentation of a seminar on research, annually starting in the second year of study; each scientific presentation will be for 30 minutes, including questions.

IBST 608 Writing for Medical Scientists

Credits 2. 2 Lecture Hours. Instruction and training in the norms of scientific writing, including exercises to develop scientific writing skills; includes composition of a draft predoctoral fellowship research proposal; development of hypothesis generation, logical thinking, experimental design, and communication capabilities. **Prerequisites:** MSCI 601.

IBST 681 Seminar: Medical Sciences

Credit 1. 1 Lecture Hour. This is a seminar course given by national and international experts in the field of biomedical research. The course is designed to provide a unique opportunity for graduate students to keep pace with the latest knowledge in biomedical science and technology, and to apply the knowledge in their graduate projects. Students will benefit from the course in many ways, including development of critical scientific thinking skills, biomedical research project design and interpretation, improved communications skills and networking opportunities with leaders in the field. The course is mandatory for all IBT Graduate Students.

IBST 689 Special Topics: Biomedical Research of Professional Development

Credits 1 to 4. 1 to 4 Lecture Hours. The course is designed to provide a unique opportunity for graduate students to improve their professional presentations skills, which includes but not limits to public speaking, presentation time controlling, question handling and meeting monitoring, et al. The immediate goal is to help students to prepare for their committee meetings and to pass their qualifying exams. Eventually, the students will benefit from the course for many ways including future job interviews, career development, et al. The course is mandatory for the graduate students who have not passed their qualifying exams. The students who have passed their qualifying exams are encouraged to continue to take the course, but it is optional.

IBST 691 Research Credit: Medical Sciences

Credits 1 to 9. 1 to 9 Lab Hours. Research for thesis or dissertation.

Prerequisite: Approval of supervisory professor in chosen field.