Cancer Biology Courses (Biomedical Science) (CBIO)

This is a list of all cancer biology courses. For more information, see Biomedical Science.

**CBIO:5000 Experimental Methodologies**  6 s.h.
Practical experience in common laboratory methods including polymerase chain reaction (PCR), western blotting, immunostaining, cell culture, and bioinformatics. Requirements: admission to cancer biology graduate program.

**CBIO:5500 Topics in Cancer Biology**  1 s.h.
Discussion and presentation of new scientific literature in cancer biology fields; how to evaluate and critically interpret scientific literature, data, and conclusions; journal club format. Requirements: admission to cancer biology graduate program.

**CBIO:6000 Seminar: Cancer Research**  1 s.h.
Attendance at seminar presentations of cutting-edge science in the field of cancer biology; presentations by experts in the field and trainees. Requirements: admission to cancer biology graduate program.

**CBIO:6500 Research in Cancer Biology**  arr.
Research experience through research rotations and conduction of dissertation research in cancer research laboratories. Requirements: admission to cancer biology graduate program.

**CBIO:7000 Clinical Connections**  1 s.h.
Shadowing experiences arranged with clinicians who are treating cancer patients at University of Iowa Hospitals and Clinics. Requirements: admission to cancer biology graduate program.

**CBIO:7500 Crafting a Scientific Proposal**  1 s.h.
Training in areas of scientific writing and development of a scientific proposal; students develop a proposal related to, but not identical to, the proposal for the comprehensive exam. Requirements: admission to cancer biology program.