

CANCER (CAN) - CONCENTRATION

The Concentration in Cancer is open to all PhD and MD-PhD students from all MCGSBS training programs to provide the opportunity to integrate Cancer coursework into their degree plan and inform their thesis research.

- Kristyna M. Myers, M.S., M.S.Ed., Program Director (interim)

Eligible learners may declare concentration using the appropriate form. See Concentration Declaration Procedure. By declaring a concentration through this procedure, the concentration will appear on a student's academic transcript. Students may only declare established concentrations and must be in a degree seeking program to declare a concentration. Students may only declare one official concentration.

Course Work

The curriculum for the Concentration consists of 12 credits. The student must complete all of the required courses listed below:

Course Requirements

Code	Title	Hours
BMB 5000	Cancer Biology I: Introduction to Cancer Biology: Molecular, Cellular and Genetic Basis of Cancer	3
BMB 6070	Cancer Biology II: Molecular Mechanisms of Cancer: Signal Transduction Pathways and Networks	3
Total Hours		6

Elective Courses

Code	Title	Hours
Students have the option to complete these courses within a given degree plan. A minimum of 6 credits are required.		6
BMB 5350	Hormones and Cancer	1
BMB 6510	Cancer Biology Journal Club	1
CTSC 5300	Foundations of Epidemiology	1
CTSC 5400	Introduction to Bioinformatics Concepts and Core Technologies for Individualized Medicine Approaches	1
CTSC 5720	Clinical Trials Design and Conduct	1
IMM 6865	Regenerative T Cell Immunotherapy and Cellular Engineering	3
IMM 6884	Tutorial in Generation and Function of T Cells	2
MPET 6814	Cellular Pharmacology of Agents that Target Cancer	2
CAN 6999	Independent Study in Cancer Biology	1