



CANCER BIOLOGY & GENETICS (VBMS 7970)

FALL 2019

NEW CANCER COURSE!! Auburn University announces VBMS 7970 Cancer Biology & Genetics FALL 2019 - A group of faculty involved in this discipline have designed a new graduate course for this fall and would like to offer you the opportunity to enroll. The class will cover the basic aspects of cancer biology and the genetic basis for neoplasia including oncogenes and tumor suppressor genes. It will follow with a discussion of the links to aging and immortalization and then discuss genomics and its application to real cancers. We will look at immune suppression and the microenvironment around tumors, cell signaling as it relates to cancer and the hot topic of cancer neo-antigens. We will finish with discussions of genome instability, invasion and metastasis, and therapeutic strategies. Our hope is that this course will evolve into a 2 part series that will emphasize therapeutic strategies in a following semester.



Students at CCTS member schools are eligible to enroll, using the transient enrollment form:

<https://web.auburn.edu/alpha/transient.aspx>

When:	Aug to 5 Dec 2019
Lecture Times:	11-12 Tues and 10-12 Thursday (2 hr of lecture and 1 hr of current paper discussion each week)
Where:	Scott-Ritchey Research Center Conference Room, College of veterinary Medicine, Auburn University Class will also be available via computer link through Zoom to allow non-Auburn students to participate.

A specific section of VBMS 7970 is open and accepting student enrollment – If you would like to be part of this inaugural offering please contact Dr. Curt Bird to sign up for the class (birdric@auburn.edu).