

University of Florida College of Veterinary Medicine Syllabus

I. Course information

Number: VME 6603
Course Title: Advanced Toxicology
Semester: Fall
Year: 2014
Course credit: 3

II. General information

Course director: Chris Martyniuk, PhD
Office location: CEHT Room 34
Office hours: Any time, come see me or email
Office phone number: 352-294-4636
Email: cmartyn@ufl.edu

III. Course description

Course objectives: This course will survey emerging concepts and areas of research in toxicology. The objectives will be to understand mechanisms of toxicity and toxicosis in multiple organ systems.

Course Outline & schedule:

Date	Time	Subject
Sept 4, 2014	1:00 – 4:00	Career Development
Sept 11, 2014	1:00 – 4:00	Introduction to Toxicology
Sept 18, 2014	1:00 – 4:00	Oxidative Stress
Sept 25, 2014	1:00 – 4:00	Endocrine Toxicity
Oct 2, 2014	1:00 – 4:00	Biotransformation and Elimination
Oct 9, 2014	1:00 – 4:00	Neurotoxicity I
Oct 16, 2014	1:00 – 4:00	Neurotoxicity II
Oct 23, 2014	1:00 – 4:00	Nanotoxicology
Oct 30, 2014	1:00 – 4:00	Metal Toxicity
Nov 6, 2014	1:00 – 4:00	Risk Assessment
Nov 13, 2014	1:00 – 4:00	NIH grant writing
Nov 20, 2014	2:45 - 5:15	Toxicology Testing
Nov 27, 2014	1:00 – 4:00	No class, Happy Thanksgiving!
Dec 4, 2014	2:45 - 5:15	Cancer and Toxicology
Dec 11, 2014	1:00 – 4:00	<i>Final Exam</i>

IV. Course Materials

Required texts: None

V. Evaluation/ Grading/ Testing:

90-100% A
80-89% A-
75-79% B+
70-74% B
65-69% B-
60-64% C+
55-59% C

