

## LEGEND

Year 1 Semester 1	Year 1 Semester 2	Year 2 Semester 3	Year 2 Semester 4	Year 3 Semester 5	Year 3 Semester 6	Year 4 Semesters 7, 8, & 9
<b>CORE Courses</b> Page 2	<b>CORE Courses</b> Page 3	<b>CORE Courses</b> Page 4	<b>CORE Courses</b> Page 5	<b>CORE Courses</b> Page 6	<b>CORE Courses</b> Page 7	<b>CORE Clerkships</b> Page 8
<b>ELECTIVE Courses</b> Page 2	<b>ELECTIVE Courses</b> Page 3	<b>TRACK Courses</b> Page 4	<b>TRACK Courses</b> Page 5	<b>TRACK Courses</b> Page 6	<b>TRACK Courses</b> Page 7	<b>TRACK Clerkships</b> Pages 8-10
		<b>ELECTIVE Courses</b> Page 4	<b>ELECTIVE Courses</b> Page 5	<b>ELECTIVE Courses</b> Page 6	<b>ELECTIVE Courses</b> Page 7	<b>ELECTIVE Clerkships</b> Page 11

### FIVE (5) TRACKS

1. SA Small Animal
2. MX Mixed
3. EQ Equine
4. P/C Public/Corporate
5. FA Food Animal

### THE CRN NUMBERS ARE CHANGED EVERY YEAR BY THE REGISTRAR:

FALL	University-assigned Course Numbers begin w/	9----
SPRING	University-assigned Course Numbers begin w/	1----
SUMMER I	University-assigned Course Numbers begin w/	6----
SUMMER II	University-assigned Course Numbers begin w/	7----

All track courses may be taken as electives unless otherwise noted

Hours of Lectures = ALSO includes exams given during the semester

Hours of Lab/Student = ALSO includes exams given during the semester

Minimum Number of Credits = 113 (to advance to year 4)

**SEMESTER 1 YEAR 1  
FALL  
CORE COURSES**

<b>CORE Courses Semester 1</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
Veterinary Anatomy I	8014	Bonnie Smith	bjsmith@vt.edu	4
Veterinary Histology	8054	Tom Caceci	elitist@vt.edu	3
Veterinary Physiology I	8034	John Lee	jcleee@vt.edu	3
Medical Biochemistry	8044	Lud Eng	laeng@vt.edu	2
Veterinary Immunology	8064	Ansar Ahmed	ansrahmd@vt.edu	2
Professional Foundations	8004	Jacque Pelzer	jpelzer@vt.edu	2
Veterinary Ethology	8144	Carolina Ricco	ricco@vt.edu	1
Veterinary LA Husbandry	8074	Dee Whittier	dwit@vt.edu	1

**SEMESTER 1 YEAR 1  
FALL  
ELECTIVE COURSES**

<b>ELECTIVES Semester 1</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
Animal Domest/Gene Res	BMVS 4014	Phil Sponenberg	dpsponen@vt.edu	1
Descriptive Embryology	8024	Bonnie Smith	bjsmith@vt.edu	1
Diseases of Poultry	BMVS 4024	Bill Pierson	pierson@vt.edu	2

**SEMESTER 2 YEAR 1  
SPRING  
CORE COURSES**

<b>CORE Courses Semester 2</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
Veterinary Anatomy II	8114	Larry Freeman	lfreeman@vt.edu	4
Veterinary Neurobiology	8104	Brad Klein	bklein@vt.edu	2
Veterinary Physiology II	8134	Bonnie Smith	bjsmith@vt.edu	4
Veterinary Pathology I	8304	John Robertson	drbob@vt.edu	3
Veterinary Parasitology	8324	Anne Zajac	azajac@vt.edu	3
Veterinary Epidemiology	8084	Francois Elvinger	Elvinger@vt.edu	2
Fundamentals of Nutrition	8234	Iveta Becvarova	ivetak@vt.edu	1

**SEMESTER 2 YEAR 1  
SPRING  
ELECTIVE COURSES**

<b>ELECTIVES Semester 2</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
Reptile & Bird Morphology	8254	Bonnie Smith	bjsmith@vt.edu	1
Clinical Perspectives	8094	David Panciera	panciera@vt.edu	1

**SEMESTER 3 YEAR 2  
FALL  
CORE COURSES**

<b>CORE Courses Semester 3</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
Fundamentals of Vet Pharmacol	8314	Marion Ehrich	marion@vt.edu	3
Vet Bacteriology & Mycology	8334	Jennie Hodgson	jennieh@vt.edu	4
Clinical Techniques	8354	Kent Scarratt	kscrat@vt.edu	2
Veterinary Pathology II	8404	Geoff Saunders	gsaun@vt.edu	3
Veterinary Radiology	8544	Don Barber	dbarber@vt.edu	2
Veterinary Clinical Nutrition	8454	Terry Swecker	cvmwss@vt.edu	1
Fundamentals of Theriogenology	8374	Beverly Purswell	purswell@vt.edu	2
Veterinary Business Management	9104	Jacque Pelzer	jpelzer@vt.edu	1

**SEMESTER 3 YEAR 2  
FALL  
TRACK COURSES**

<b>TRACK Courses Semester 3</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
FA Nutrition	8384	Terry Swecker	cvmwss@vt.edu	2
Equine Nutrition	8394	Terry Swecker	cvmwss@vt.edu	1
SA Nutrition	8264	Iveta Becvarova	ivetak@vt.edu	1
Intro to Clinical Research*	8534	Francois Elvinger	Elvinger@vt.edu	2
Adv Epidemiology*	8684	Francois Elvinger Kevin Pelzer	Elvinger@vt.edu kpelzer@vt.edu	2

**SEMESTER 3 YEAR 2  
FALL  
ELECTIVE COURSES**

<b>ELECTIVES Semester 3</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
Morph Nat Hist Mammal	8244	Larry Freeman	lfreeman@vt.edu	2
Pharmacol Topics	8274	Marion Ehrich	marion@vt.edu	1
Diseases of Poultry	BMVS 4024	Bill Pierson	pierson@vt.edu	2

**SEMESTER 4 YEAR 2  
SPRING  
CORE COURSES**

<b>CORE Courses Semester 4</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit hours</b>
Clinical Pathology	8414	Nicole Weinstein	nweinste@vt.edu	3
Veterinary Virology	8124	Elankuman Subbiah	kumarans@vt.edu	2
Veterinary Anesthesiology	8444	Cindy Hatfield	drhat@vt.edu	2
Veterinary Musculoskeletal	8284	Reid Tyson	rtyson@vt.edu	3
Veterinary Toxicology	8424	Blair Meldrum	bmeldrum@vt.edu	2
Vet Cardioresp Syst	8754	Bill Pierson	pierson@vt.edu	3
General Veterinary Medicine	8554	Bess Pierce	bpierce@vt.edu	1

**SEMESTER 4 YEAR 2  
SPRING  
TRACK COURSES**

<b>TRACK Courses Semester 4</b>	<b>VM</b>	<b>Course Leader</b>	<b>Email</b>	<b>Credit hours</b>
Animals & Public Policy	9214	Bettye Walters	Bwalter1@umd.edu	1
FA Theriogenology	8574	Beverly Purswell	purswell@vt.edu	2
Equine Theriogenology I	8514	John Dascanio	jjd@vt.edu	1
SA Medicine I	8585	Ed Monroe	monroewe@vt.edu	1

**SEMESTER 4 YEAR 2  
SPRING  
ELECTIVE COURSES**

<b>ELECTIVES Semester 4</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
SA Theriogenology	9254	Beverly Purswell	purswell@vt.edu	1
Aq Medicine & Fish Health	8494	Stephen Smith	Stsmith7@vt.edu	2
Toxicology of Poisonous Plants	9114	Dennis Blodgett	dblodg@vt.edu	1
Behavioral Medicine	8984	Jennie Hodgson / Stephanie Schwartz	jennieh@vt.edu	1
Complementary Medicine	8804	Mark Crisman	farmuse@vt.edu	1
Wildlife Medicine	8594	Stephen Smith	Stsmith7@vt.edu	1
PocketPets & Exotic Animal Med	9224	Stephen Smith	Stsmith7@vt.edu	1
Reproductive Pathology	8474	Phil Sponenberg	dpsonen@vt.edu	1

**SEMESTER 5 YEAR 3  
FALL  
CORE COURSES**

<b>CORE Courses Semester 5</b>	<b>VM</b>	<b>Course Leader</b>	<b>Email</b>	<b>Credit hours</b>
Vet Surgical Princ & Prac	8624	Otto Lanz	olanz@vt.edu	3
Veterinary Gastroenterology	8614	Michael Leib	mleib@vt.edu	4
Veterinary Public Health	8434	Kevin Pelzer	kpelzer@vt.edu	1
Veterinary Neurology	8654	Karen Inzana	kdyer@vt.edu	2
Veterinary Ophthalmology	8344	Phil Pickett	jppickett@vt.edu	1
Client Communication Skills	8634	David Hodgson	hodgson@vt.edu	1

**SEMESTER 5 YEAR 3  
FALL  
TRACK COURSES**

<b>TRACK Courses Semester 5</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
Equine Medicine & Surgery I	8695	Virginia Buechner-Maxwell	bmax@vt.edu	3
FA Medicine & Surgery I	8615	Kent Scarratt	kscrat@vt.edu	3
SA Medicine II	8586	Greg Troy	cvmgct@vt.edu	1
Veterinary Public Policy	8984	Bettye Walters / Don Prater	Bwalter1@umd.edu dprater@vt.edu	1
Adv SA Clinical Tech	8694	Tisha Harper	tiharper@vt.edu	1

**SEMESTER 5 YEAR 3  
FALL  
ELECTIVE COURSES**

<b>ELECTIVES Semester 5</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
Veterinary Oncology	9095	John Robertson	drbob@vt.edu	2
FA Product Safety for Vets	8984	Joe Eifert	jeifert@vt.edu	2
Equine Neonat & Pediat	9174	Virginia Buechner-Maxwell	bmax@vt.edu	1
Goat & Sheep Medicine	9074	Phil Sponenberg	dpsponen@vt.edu	1
Veterinary Career Development	8854	Jacque Pelzer	jpelzer@vt.edu	1
Ferret Medicine & Surgery	8874	Lud Eng / Mark Finkler	laeng@vt.edu mfinkler@vt.edu	1
Emerging Infectious Dis I	9085	X.J. Meng	xjmeng@vt.edu	1
Diseases of Poultry	BMVS 4024	Bill Pierson	pierson@vt.edu	2
Veterinary Cytopathology	8984	Laurie O'Rourke	lorourke@vt.edu	1

**SEMESTER 6 YEAR 3  
SPRING  
CORE COURSES**

<b>CORE Courses Semester 6</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
Vet Derm & Endocrinol	8764	Sandra Diaz	sdiaz@vt.edu	3
Vet Hemolymphatic Syst	8674	David Panciera	Panciera@vt.edu	2
Urology	8644	David Grant	dgrant@vt.edu	2
Clinical Pharmacol	8784	Jeff Wilcke	Jwilcke@vt.edu	2
Intro to Clinics	8686	Mark Crisman	farmuse@vt.edu	1

**SEMESTER 6 YEAR 3  
SPRING ELECTIVE COURSES**

<b>ELECTIVES Semester 6</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
Adv SA Surgery Lab	9134	Matthew Nicolson	nicholsm@vt.edu	1
Adv Veterinary Cardiology	9184	Jonathan Abbott	abbottJ@vt.edu	1
Avian Medicine & Surgery	9004	Bill Pierson	pierson@vt.edu	1
Adv Diagnostic Imaging	9014	Don Barber	dbarber@vt.edu	1
Behavioral Medicine	8984	Jennie Hodgson/ Stephanie Schwartz	jennieh@vt.edu	1
Parasitol of Grazing Animals	8984	Anne Zajac	azajac@vt.edu	1
SA Emergency Medicine	8984	Greg Daniel / Christopher Byers	gdaniel@vt.edu	1

**SEMESTER 6 YEAR 3  
SPRING  
TRACK COURSES**

<b>TRACK Courses Semester 6</b>	<b>VM</b>	<b>Course Leader</b>	<b>email</b>	<b>Credit Hours</b>
SA Clinical Prob Solv	9144	David Grant	dgrant@vt.edu	2
SA Medicine III	8587	Ian Herring	iherring@vt.edu	1
Adv SA Surgery	9034	Tisha Harper	tiharper@vt.edu	2
Equine Medicine & Surgery II	8696	Mark Crisman	farmuse@vt.edu	3
Equine Clinical Prob Solv	8524	Sharon Witonsky	switonsk@vt.edu	2
Equine Theriogenology II	9124	John Dascanio	jjd@vt.edu	1
FA Medicine & Surgery II	8616	Terry Swecker	cvmwss@vt.edu	2
FA Clinical Prob Solv	9044	Bill Pierson	pierson@vt.edu	2
International Vet Medicine	9244	Bettye Walters	Bwalter1@umd.edu	1
Emerging & Exotic Dis of An	8984	Bettye Walters	Bwalter1@umd.edu	1
Emerging Infectious Dis II	9086	X.J. Meng	xjmeng@vt.edu	1
Adv Histopathology	9064	Tanya LeRoith	tleroith@vt.edu	1
Medical Toxicology	9204	Blair Meldrum	bmeldrum@vt.edu	2
Adv Vet Public Health	9094	Kevin Pelzer	kpelzer@vt.edu	1

## CORE CLERKSHIPS

CORE Clerkship BLOCKS All Students	VM	Clerkship Leader	email	Credit Hours
SA Surgery I Clk	9614	Otto Lanz	olanz@vt.edu	4
Community Practice Clk	9264	Bess Pierce	bpierce@vt.edu	4
LA Clinical Services I Clk	9504	Kent Scarratt	kscrat@vt.edu	4
PMM I Clk	9534	Kevin Pelzer	kpelzer@vt.edu	4
Anesthesiology Clk	9624	P. Natalia Henao-Guerrero	nguerrer@vt.edu	4
Radiology Clk	9634	Martha Larson	moonm@vt.edu	4
Lab Services Clk	9724	Geoff Saunders	gsaun@vt.edu	4
Public Corporate Clk	9714	Jacque Pelzer	jpelzer@vt.edu	4

**These eight clerkships must be taken by ALL students**

## SMALL ANIMAL TRACK CLERKSHIPS

TRACK Clerkships	VM	Clerkship Leader	email	Credit Hours
SA Medicine I Clk	9434	David Panciera	Panciera@vt.edu	4
SA Medicine II Clk	9434	David Panciera	Panciera@vt.edu	4
SA Surgery II Clk	9614	Otto Lanz	olanz@vt.edu	4
SA Specialty Medicine I Clk	9404	Karen Inzana	kdyer@vt.edu	4
SA Specialty Medicine II Clk	9404	Karen Inzana	kdyer@vt.edu	4
Ophthalmology Clk	9454	Phil Pickett	jppicket@vt.edu	4

**Three more additional blocks:**

**1 block vacation**

**2 blocks from any of the core, track or elective clerkships**

**FOOD ANIMAL TRACK CLERKSHIPS**

**EQUINE TRACK CLERKSHIPS**

TRACK Clerkships	VM	Clerkship Leader	email	Credit Hours
LA Clinical Services II Clk	9504	Kent Scarratt	kscrat@vt.edu	4
Equine Medical Center I Clk	9544	Harold McKenzie	hmckenzi@vt.edu	4
Equine Medical Center II Clk	9544	Harold McKenzie	hmckenzi@vt.edu	4
Equine Private Practice Clk	9814	Jacque Pelzer	jpelzer@vt.edu	4
Equine Field Services Clk	9834	John Dascanio	jjd@vt.edu	4

**Four more additional blocks:**

**1 block is vacation**

**3 blocks may be any of the core, track or elective clerkships**

TRACK Clerkships	VM	Clerkship Leader	email	Credit Hours
PMM II Clk	9534	Kevin Pelzer	kpelzer@vt.edu	4
FA Private Practice I Clk	9804	Jacque Pelzer	jpelzer@vt.edu	4
FA Private Practice II Clk	9554	Jacque Pelzer	jpelzer@vt.edu	4
Choose 1 of the following 2				
Adv Dairy Herd Management Clk*	8984	John Currin	jcurrin@vt.edu	4
Adv Beef Herd Management Clk**	8984	John Currin	jcurrin@vt.edu	4
Choose 2 of the following				
PMM III Clk	9844	Kevin Pelzer	kpelzer@vt.edu	4
LA Clinical Services II Clk	9504	Kent Scarratt	kscrat@vt.edu	4
Small Ruminant Clk***	9604	Kevin Pelzer	kpelzer@vt.edu	4
Adv Pathology Clk	9744	Jacque Pelzer	jpelzer@vt.edu	4
International FA Clk	9584	Jacque Pelzer	jpelzer@vt.edu	4
other CVM elective****	any			

**Three more additional blocks:**

**1 block is vacation**

**2 blocks may be any of the core, track or elective clerkships**

- \* Block 9 only
- \*\* Block 13 only
- \*\*\* Block 15 only
- \*\*\*\* Approval needed from Dr. K. Pelzer

## PUBLIC/CORPORATE CLERKSHIPS

TRACK Clerkships	VM	Clerkship Leader	email	Credit Hours
Research I Clk	9764	Jacque Pelzer	jpelzer@vt.edu	4
Research II Clk	9764	Jacque Pelzer	jpelzer@vt.edu	4
Adv Pathology Clk	9744	Jacque Pelzer	jpelzer@vt.edu	4

**Six more additional blocks:**

**1 block is vacation**

**5 blocks may be any of the core, track or elective clerkships**

## MIXED ANIMAL TRACK CLERKSHIPS

TRACK Clerkships	VM	Clerkship Leader	email	Credit Hours
SA Specialty Medicine I Clk	9404	Karen Inzana	kdyer@vt.edu	4
LA Clinical Services II Clk	9504	Kent Scarratt	kscrat@vt.edu	4
Ophthalmology Clk	9454	Phil Pickett	jppickett@vt.edu	4
Mixed Private Practice Clk	9824	Jacque Pelzer	jpelzer@vt.edu	4
Equine Medical Center I Clk	9544	Harold McKenzie	hmckenzi@Vt.edu	4
Choose one of the following four				
PMM II Clk	9534	Kevin Pelzer	kpelzer@vt.edu	4
SA Surgery II Clk	9614	Otto Lanz	olanz@vt.edu	4
SA Medicine I Clk	9434	David Panciera	Panciera@vt.edu	4
Equine Field Services Clk	9834	John Dascanio	jjd@vt.edu	4

**Three more additional blocks:**

**1 block is vacation**

**2 blocks may be any of the core, track or elective clerkships**

## CLERKSHIP ELECTIVES

ELECTIVES	VM	Clerkship Leader	email	Credit Hours
SA Medicine III Clk	9434	David Panciera	Panciera@vt.edu	4
LA Clinical Services III Clk	9504	Kent Scarratt	kscrat@vt.edu	4
LA Clinical Services IV Clk	9504	Kent Scarratt	kscrat@vt.edu	4
FA Private Practice III Clk	9554	Jacque Pelzer	jpelzer@vt.edu	4
FA Private Practice IV Clk	9554	Jacque Pelzer	jpelzer@vt.edu	4
Ultrasound Clk	9464	Martha Larson	moonm@vt.edu	4
SA Clinical Topics I Clk	9664	Jacque Pelzer	jpelzer@vt.edu	4
SA Clinical Topics II Clk	9674	Jacque Pelzer	jpelzer@vt.edu	4
Equine Clinical Topics I Clk	9654	Jacque Pelzer	jpelzer@vt.edu	4
Equine Clinical Topics II Clk	9704	Jacque Pelzer	jpelzer@vt.edu	4
Equine Clinical Topics III Clk	9704	Jacque Pelzer	jpelzer@vt.edu	4
FA Clinical Topics I Clk	9564	Jacque Pelzer	jpelzer@vt.edu	4
FA Clinical Topics II Clk	9574	Jacque Pelzer	jpelzer@vt.edu	4
FA Clinical Topics III Clk	9574	Jacque Pelzer	jpelzer@vt.edu	4
P/C Clinical Topics I Clk	9684	Jacque Pelzer	jpelzer@vt.edu	4
P/C Clinical Topics II Clk	9694	Jacque Pelzer	jpelzer@vt.edu	4
P/C Clinical Topics III Clk	9774	Jacque Pelzer	jpelzer@vt.edu	4
P/C Clinical Topics IV Clk	9784	Jacque Pelzer	jpelzer@vt.edu	4
P/C Clinical Topics V Clk	9794	Jacque Pelzer	jpelzer@vt.edu	4

**Subjects that may be involved in Clinical Topics include cardiology, clinical pathology, theriogenology (internal or external), shelter medicine, emergency medicine, oncology, zoo animal medicine, government agencies, etc. THESE MUST BE APPROVED BY ACADEMIC AFFAIRS.**