

First Year Curriculum

Fall Quarter

CORE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
VMD 400A	Freshman Doctoring	Richard Timmins/Don Klingborg	2.5
VMD 401A	The Normal Anatomy of the Canine Locomotor System	Stuart Meyers	3.4
VMD 402	Structure and Function of the Cardiovascular and Respiratory Systems	James Jones	4.5
VMD 403	Physiological Chemistry	Gino Cortopassi	5.9
VMD 406	Principles of Behavior	Benjamin Hart/Melissa Bain	0.7
VMD 409	Epidemiology	Philip H. Kass	1.7
VMD 415A	Freshman Clinical Skills	Richard Nelson	1.1
VMD 427	Cell and Tissue Structure and Function	Fern Tablin	3.3
VMD 430	Principles of Radiography and Radiologic Interpretation	Erik Wisner	3.6
VMD 436	Veterinary Ethics and Law	Jan Ilkiw	.6

ELECTIVE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 481	Clinic Rounds	Bradford Smith	1.0
VSR 400	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0

Winter Quarter

CORE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
VMD 401B	The Normal Anatomy of the Canine Head	Charles Plopper	1.7
VMD 402	Structure and Function of the Cardiovascular and Respiratory Systems	James Jones	4.5
VMD 408	Nutrition and Nutritional Diseases in Animals	Jon J. Ramsey	2.9
VMD 415A	Freshman Clinical Skills	Richard Nelson	1.1
VMD 421	Principles of Neurosciences	Rick LeCouteur	2.7
VMD 430	Principles of Radiography and Radiologic Interpretation	Erik Wisner	3.6
VMD 432	Structure and Function of the Gastrointestinal and Mammary Systems	Michael Bruss	3.2

ELECTIVE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
PHR 225	Preventive Avian Medical Practice	Patricia Wakenell	3.0
PHR 406	Human–Animal Interactions in Veterinary Science	Lynette Hart	1.0

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PHR 408	Behavior and Biology of Mice As Domestic Animals	Lynette Hart	1.0
PHR 450	HACCP & Risk Assessment in Pre and Postharvest Food Safety	Dean Cliver/Maha Hajmeer	3.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
PMI 418 «#	Health and Disease in Terrestrial Wildlife	Michael Ziccardi	2.0
VME 294B	Conservation Biology and Veterinary Medicine	Jonna Mazet	1.0
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 455	Beginning Veterinary Spanish	David Hird	2.0
VME 481	Clinic Rounds	Bradford Smith	1.0
VME 487	Comparative Bio-Medical: Form and Function	R. Scott Larsen	2.0
VME 494	International Programs Seminar	David Hird	1.0
VSX 400	Equine Radiographic Anatomy	Erik Wisner	1.0
VSX 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSX 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0

*Spring Quarter***CORE COURSES**

Course	Course Title	Course Leader	Units
VMD 402D	Structure and Function of the Urinary System and Body Fluids	Edward Schelegle	2.3
VMD 405	Veterinary Parasitology	Patricia Conrad/Walter Boyce	3.6
VMD 415A	Freshman Clinical Skills	Richard Nelson	1.1
VMD 420	Immunology	Laurel J. Gershwin	3.0
VMD 425	Veterinary Genetics	Leslie Lyons	1.8
VMD 430	Principles of Radiography and Radiologic Interpretation	Erik Wisner	3.6
VMD 431	Endocrinology	Hilary Benton	1.8
VMD 434	Basic Veterinary Hematology	Joseph G. Zinkl	2.0

ELECTIVE COURSES

Course	Course Title	Course Leader	Units
APC 284	Ruminant Nutrition and Physiology	Michael Bruss	3.0
PHR 432	Reproductive Technology in Mammals and Birds	Robert BonDurant	.8
PHR 432L	Reproductive Technology in Mammals and Birds, Laboratory	Robert BonDurant	0.2
PHR 457	Veterinary Business Management	Donald J. Klingborg	2.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
PMI 280A	The Mouse as an Experimental Model for Human & Animal Diseases – I	Nicole Baumgarth	3.0
PMI 419 1#	Field Techniques for Assessment of Wildlife and Ecosystem Health	Michael Ziccardi	2.0
VME 410	Husbandry, Feeding and Management of Captive Animals	Lisa Tell	2.0
VME 424	Shelter Medicine	Kate Hurley	1.0
VME 430	Raptor Medicine and Rehabilitation	Lisa Tell	2.0
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 454 1a	International Veterinary Medicine Baja California Fieldwork	David W. Hird	2.0
VME 456	Intermediate Veterinary Spanish	David Hird	1.0
VME 486	Equine Clinical Neonatology	K. Gary Magdesian	1.0
VSX 400	Equine Radiographic Anatomy	Erik Wisner	1.0
VSX 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0

Legend

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- ¹ Course actually takes place during Spring Break.
- ² Students are required to choose either Small Animal Radiology (required for students who will rotate through the Small Animal Radiology Service in the fourth year) OR Large Animal Radiology as CORE; the other may be taken as an elective.
- ³ Students are required to choose one of the four reproduction courses as CORE; the others may be taken as electives.
- * Students are required to choose one of the medicine courses as CORE; the other may be taken as electives.
- ⌘ On-line tutorial course – not scheduled.
- § Course currently under review.
- ¶ Level II medicine.
- + Students must select 4 units.
- # Zoological Track students must select 12 units.

VMD: Core Course for DVM

APC: Anatomy, Physiology and Cell Biology

PHR: Population Health and Reproduction

VME: Medicine and Epidemiology

VSR: Surgical and Radiological Sciences

VMB: Molecular Biosciences

PMI: Pathology, Microbiology and Immunology

ANS: Animal Sciences

Second Year Curriculum

Fall Quarter

CORE COURSES

Course	Course Title	Course Leader	Units
VMD 400B	Sophomore Doctoring	Richard Timmins/Don Klingborg	2.6
VMD 414A	Principles of Veterinary Pharmacology and Toxicology	Alan Buckpitt	2.5
VMD 415B	Sophomore Clinical Skills	Richard Nelson	1.2
VMD 419	Virology	Tilahun Yilma	2.7
VMD 433	Veterinary Oncology	Michael Kent	1.2
VMD 447	Introduction to Public Veterinary Practice and Foreign Animal Diseases	Brad Smith/Katherine Wetherall	1.0
VMD 451	Veterinary Bacteriology and Mycology	Rance LeFebvre	4.9
VMD 452	General Pathology	F. Charles Mohr	3.1

ELECTIVE COURSES

Course	Course Title	Course Leader	Units
PHR 214	Vector-borne Infectious Diseases: Changing Patterns	Bruno Chomel / John Edman	2.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
VME 415	Management and Diseases of Captive Wildlife	Ray Wack	2.0
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 481	Clinic Rounds	Bradford Smith	1.0
VSR 400 ^α	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 406	Small Animal Diagnostic Ultrasound	Eric Herrgesell	1.1
VSR 424	Clinical Veterinary Oncology	Alain Theon	1.0

Winter Quarter

CORE COURSES

Course	Course Title	Course Leader	Units
VMD 400B	Sophomore Doctoring	Richard Timmins/Don Klingborg	2.6
VMD 414B	Veterinary Pharmacology	Robert Hansen	2.5
VMD 415B	Sophomore Clinical Skills	Richard Nelson	1.2
VMD 435	Veterinary Clinical Pathology	Mary Christopher	3.3
VMD 446	Veterinary Reproduction	Alan Conley	4.0
VMD 459	Systemic Pathology	Peter Moore	5.8
VSR 404A ²	Small Animal Radiology	Rachel Pollard	2.9
VSR 404B ²	Large Animal Radiology	Sarah Puchalski	1.6

ELECTIVE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
PHR 225	Preventive Avian Medical Practice	Patricia Wakenell	3.0
PHR 406	Human–Animal Interactions in Veterinary Science	Lynette Hart	1.0
PHR 408	Behavior and Biology of Mice As Domestic Animals	Lynette Hart	1.0
PHR 420 »	Zoonoses of Non–Human Primates	Bruno Chomel	2.0
PHR 450	HACCP & Risk Assessment in Pre and Postharvest Food Safety	Dean Cliver/Maha Hajmeer	3.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
PMI 418 «#	Health and Disease in Terrestrial Wildlife	Michael Ziccardi	2.0
VME 294B	Conservation Biology and Veterinary Medicine	Jonna Mazet	1.0
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 455	Beginning Veterinary Spanish	David Hird	2.0
VME 481	Clinic Rounds	Bradford Smith	1.0
VME 487	Comparative Bio–Medical: Form and Function	R. Scott Larsen	2.0
VME 494	International Programs Seminar	David Hird	1.0
VSR 400 ✕	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 404A ²	Small Animal Radiology	Rachel Pollard	2.9
VSR 404B ²	Large Animal Radiology	Sarah Puchalski	1.6

*Spring Quarter***CORE COURSES**

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
PHR 446A ³	Food Animal Reproduction	Joan Rowe	1.0
VMD 400B	Sophomore Doctoring	Richard Timmins/Don Klingborg	2.6
VMD 412	Fundamentals of Zoonoses	Bruno Chomel	1.1
VMD 413	Veterinary Food Safety	Dean Cliver	1.3
VMD 414C	Veterinary Toxicology	Birgit Puschner	1.9
VMD 415B	Sophomore Clinical Skills	Richard Nelson	1.2
VMD 426	Principles of Veterinary Anesthesiology and Critical Patient Care	Eugene Steffey	1.7
VME 446 ³	Small Animal Reproduction	Edward Feldman	1.0
VME 461A *	Small Animal Medicine – Level I	Lynelle Johnson	3.6
VME 463A *	Food Animal Medicine, Level I	Bradford Smith	3.6
VME 464A *	Equine Medicine, Level I	W. David Wilson	3.2
VSR 404A ²	Small Animal Radiology	Rachel Pollard	2.9

ELECTIVE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
APC 410	Equine Locomotor Anatomy	Susan M. Stover	1.8
APC 458	Behavior Therapy in Companion Animals	Benjamin Hart/Melissa Bain	2.0
PHR 220	Avian Medicine	Patricia Wakenell	3.0
PHR 222	Avian Immunology	Patricia Wakenell	3.0
PHR 250	Foodborne Infections and Intoxications	Dean Cliver	4.0
PHR 440	Ruminant Clinical Nutrition	Jose Eduardo Santos	1.9

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PHR 446A	³	Food Animal Reproduction	Joan Rowe	1.0
PHR 446B		Equine Reproduction	Barry Ball	1.0
PHR 457		Veterinary Business Management	Donald J. Klingborg	2.0
PHR 483		Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
PMI 280A		The Mouse as an Experimental Model for Human & Animal Diseases – I	Nicole Baumgarth	3.0
PMI 287	»	Comparative Pathology of Laboratory Animals	Linda Lowenstine	3.0
PMI 419	^{1#}	Field Techniques for Assessment of Wildlife and Ecosystem Health	Michael Ziccardi	2.0
PMI 475		Diagnostic Medicine of Domestic Animals	Dennis W. Wilson/Joseph G. Zinkl	2.0
PMI 476		Comparative Pathology of Non–Mammalian Vertebrates	Karen A. Terio	2.0
VME 413		Medical Primatology	Nicholas Lerche	2.0
VME 416		Diseases of Fish	Ronald Hedrick	2.1
VME 424		Shelter Medicine	Kate Hurley	1.0
VME 430		Raptor Medicine and Rehabilitation	Lisa Tell	2.0
VME 432		Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 446	³	Small Animal Reproduction	Edward Feldman	1.0
VME 450		Small Animal Clinical Immunology	Jane Sykes	1.7
VME 454	^{1a}	International Veterinary Medicine Baja California Fieldwork	David W. Hird	2.0
VME 456		Intermediate Veterinary Spanish	David Hird	1.0
VME 461A	*	Small Animal Medicine – Level I	Lynelle Johnson	3.6
VME 463A	*	Food Animal Medicine, Level I	Bradford Smith	3.6
VME 464A	*	Equine Medicine, Level I	W. David Wilson	3.2
VSR 400	⌘	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401		Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402		Large Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 404A	²	Small Animal Radiology	Rachel Pollard	2.9

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ANS: Animal Sciences

Third Year Curriculum

Fall Quarter

CORE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
VMD 400C	Junior Doctoring	Richard Timmins/Don Klingborg	1.8
VMD 407	Principles and Techniques of Operative Surgery and Anesthesia	Clare Gregory/Jan Ilkiw	2.4
VMD 407L	Principles and Techniques of Surgery &Anesthesia Laboratory	Clare Gregory/Jan Ilkiw	1.4
VMD 415C	Junior Clinical Skills	Richard Nelson	1.9
VMD 422	Veterinary Ophthalmology	Steven Hollingsworth	1.9
VMD 440	Veterinary Neurology	Richard LeCouteur	2.7
VMD 460	Fundamentals of Clinical Orthopedics	Melinda MacDonald	1.0
VME 461B *	Small Animal Medicine – Level I	Stanley Marks	3.3
VME 463B *	Food Animal Medicine, Level I	Lisle George	3.4
VME 464B *	Equine Medicine, Level I	Sharon Spier	3.7

ELECTIVE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
PHR 214	Vector-borne Infectious Diseases: Changing Patterns	Bruno Chomel / John Edman	2.0
PHR 442	Equine Theriogenology	Barry Ball	2.0
PHR 442L	Equine Theriogenology Laboratory	Barry Ball	1.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
VMB 485	Advanced Clinical Nutrition	Andrea J. Fascetti	2.0
VME 415	Management and Diseases of Captive Wildlife	Ray Wack	2.0
VME 419	Companion Exotic Small Animal Medicine and Surgery	Michelle Hawkins	3.4
VME 427	Introduction to Food Animal Herd Health Medicine	Bruce R. Hoar	1.9
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 461B *	Small Animal Medicine – Level I	Stanley Marks	3.3
VME 463B *	Food Animal Medicine, Level I	Lisle George	3.4
VME 464B *	Equine Medicine, Level I	Sharon Spier	3.7
VSR 400 ☐	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0

Winter Quarter

CORE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
VMD 400C	Junior Doctoring	Richard Timmins/Don Klingborg	1.8
VMD 407L	Principles and Techniques of Surgery &Anesthesia Laboratory	Clare Gregory/Jan Ilkiw	1.4

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VMD 415C	Junior Clinical Skills	Richard Nelson	1.9
VMD 444	Clinical Endocrinology	Edward C. Feldman	1.5
VME 461C *	Small Animal Medicine – Level I	Stephen White	3.7
VME 463C *	Food Animal Medicine, Level I	Lisle George	3.3

ELECTIVE COURSES

<i>Course</i>	<i>Course Title</i>	<i>Course Leader</i>	<i>Units</i>
PHR 212	Epidemiology of the Zoonoses	Bruno Chomel	4.0
PHR 225	Preventive Avian Medical Practice	Patricia Wakenell	3.0
PHR 406	Human–Animal Interactions in Veterinary Science	Lynette Hart	1.0
PHR 408	Behavior and Biology of Mice As Domestic Animals	Lynette Hart	1.0
PHR 420 »	Zoonoses of Non–Human Primates	Bruno Chomel	2.0
PHR 445	Food Animal Theriogenology and Reproductive Performance	Robert BonDurant	2.0
PHR 445L	Food Animal Theriogenology Laboratory	Robert BonDurant	1.0
PHR 450	HACCP & Risk Assessment in Pre and Postharvest Food Safety	Dean Cliver/Maha Hajmeer	3.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
PMI 418 «#	Health and Disease in Terrestrial Wildlife	Michael Ziccardi	2.0
VME 294B	Conservation Biology and Veterinary Medicine	Jonna Mazet	1.0
VME 412 #	Laboratory Animal Medicine	Lon Kendall	2.0
VME 417	Companion Avian Medicine	Lisa Tell	2.0
VME 429A ¶+	Sheep Herd Health	Michael Lane	1.0
VME 429B ¶+	Beef Herd Health	Bruce R. Hoar	1.0
VME 429C ¶+	Swine Herd Health	Ian A. Gardner	1.0
VME 432	Medical & Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 455	Beginning Veterinary Spanish	David Hird	2.0
VME 461C *	Small Animal Medicine – Level I	Stephen White	3.7
VME 463C *	Food Animal Medicine, Level I	Lisle George	3.3
VME 464C	Equine Medicine, Level I	Nicola Pusterla	3.4
VME 487	Comparative Bio–Medical: Form and Function	R. Scott Larsen	2.0
VME 494	International Programs Seminar	David Hird	1.0
VSR 400 ☒	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 405	Advanced Small Animal Abdominal Ultrasound	Rachel Pollard	2.1
VSR 413	Small Animal Dentistry	Frank Verstraete	2.4
VSR 413L	Small Animal Dentistry Lab	Frank J.M. Verstraete	0.3
VSR 423	Diagnostic Ophthalmology	David Maggs	1.5
VSR 461	Small Animal Orthopedic Surgery	Kei Hayashi	1.6
VSR 461L	Small Animal Orthopedic Surgery Laboratory	Kei Hayashi	0.3
VSR 466	Large Animal Applied Anesthesiology	Susan V. Hildebrand	1.5
VSR 467	Small Animal Anesthesiology	Jan Ilkiw	2.0
VSR 469	Equine Surgery	Jack Snyder	3.0
VSR 469L	Equine Surgery Laboratory	Jack Snyder	1.4

Spring Quarter

CORE COURSES

Course	Course Title	Course Leader	Units
PHR 446C ³	Non–Domestic Reproduction	Bill Lasley	1.0
VMD 400C	Junior Doctoring	Richard Timmins/Don Klingborg	1.8
VMD 407L	Principles and Techniques of Surgery &Anesthesia Laboratory	Clare Gregory/Jan Ilkiw	1.4
VMD 415C	Junior Clinical Skills	Richard Nelson	1.9
VMD 437	Veterinary Ethics and Law	Jerrold Tannenbaum	2.0

ELECTIVE COURSES

Course	Course Title	Course Leader	Units
APC 458	Behavior Therapy in Companion Animals	Benjamin Hart/Melissa Bain	2.0
PHR 222	Avian Immunology	Patricia Wakenell	3.0
PHR 250	Foodborne Infections and Intoxications	Dean Cliver	4.0
PHR 429D ¶+	Dairy Herd Health Management	Dale Moore	4.0
PHR 429DL ¶	Dairy Herd Health Management Laboratory	Dale Moore	0.6
PHR 429E ¶+	Dairy Goat Herd Health	Joan Rowe	1.0
PHR 440	Ruminant Clinical Nutrition	Jose Eduardo Santos	1.9
PHR 446C ³	Non–Domestic Reproduction	Bill Lasley	1.0
PHR 457	Veterinary Business Management	Donald J. Klingborg	2.0
PHR 483	Pet Loss Support Hotline and End of Life Issues	Lynette Hart	2.0
PMI 280A	The Mouse as an Experimental Model for Human &Animal Diseases – I	Nicole Baumgarth	3.0
PMI 287 »	Comparative Pathology of Laboratory Animals	Linda Lowenstine	3.0
PMI 419 ^{1#}	Field Techniques for Assessment of Wildlife and Ecosystem Health	Michael Ziccardi	2.0
PMI 476	Comparative Pathology of Non–Mammalian Vertebrates	Karen A. Terio	2.0
VME 413	Medical Primatology	Nicholas Lerche	2.0
VME 416	Diseases of Fish	Ronald Hedrick	2.1
VME 424	Shelter Medicine	Kate Hurley	1.0
VME 428	Food Animal Surgery	Bradford Smith	1.6
VME 428L	Food Animal Surgery Laboratory	Bradford P. Smith	.8
VME 430	Raptor Medicine and Rehabilitation	Lisa Tell	2.0
VME 432	Medical &Husbandry Procedures for Raptors	Lisa A. Tell	1.0
VME 450	Small Animal Clinical Immunology	Jane Sykes	1.7
VME 454 ^{1a}	International Veterinary Medicine Baja California Fieldwork	David W. Hird	2.0
VME 456	Intermediate Veterinary Spanish	David Hird	1.0
VME 462 ¶	Small Animal Medicine, Level II	Peter J. Ihrke	2.0
VME 465 ¶	Advanced Equine Medicine, Level II	Johanna Watson	3.6
VME 465L	Advanced Equine Medicine Level II Laboratory	Johanna Watson	.8
VME 466	Equine Critical Care	K. Gary Magdesian	2.0
VME 468	Advanced Feline Medicine	Jodi Westropp	2.0
VSR 400 ♂	Equine Radiographic Anatomy	Erik Wisner	1.0
VSR 401	Small Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 402	Large Animal Radiology Case Discussions	Erik Wisner	1.0
VSR 413L	Small Animal Dentistry Lab	Frank J.M. Verstraete	0.3
VSR 415	Lameness in Dogs	Amy Kapatkin	1.4
VSR 415	Lameness in Dogs	Amy Kapatkin	1.4

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VSR 416	Equine Ultrasonology	Mary Beth Whitcomb	1.0
VSR 416L	Equine Ultrasonology Lab	Mary Beth Whitcomb	.4
VSR 460	Emergency and Critical Patient Care	Steve Haskins	2.0
VSR 462	Radiographic Diagnosis: Small Animal	Erik Wisner	1.0
VSR 463	Surgical and Anesthetic Considerations in Small Animal Soft Tissue Surgery	Clare Gregory	2.2
VSR 468	Equine Lameness and Radiology	Melinda MacDonald	4.0
VSR 468L	Equine Lameness and Radiology Lab	Larry Galuppo	1.1

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