ROCKY VISTA UNIVERSITY
COLLEGE OF VETERINARY MEDICINE

RVUCVM Curriculum Digest			
SEMESTER	**COURSE #**	**COURSE**	**CREDITS**
YEAR ONE			
1	**DVM 1011**	**Foundations of Animal Health I** **(48 classroom hours, 32 lab hours)** This eight-week course is the first in a series of four courses in the first year of the DVM curriculum. It aims to equip students with an understanding of the biological principles that support mechanisms of health, through the study of anatomy (gross and microscopic), physiology, and function in the healthy animal, including basic diagnostic imaging correlates. Emphasis is placed on homeostasis and the mechanisms by which body systems maintain normal function. Each of the four courses will sequentially cover the various body systems of domestic animals through lectures and labs. This course will focus on the integumentary, musculoskeletal, and neurologic systems as well as the special senses.	**8**
	DVM 1012	**Foundations of Animal Health II** **(32 classroom hours, 32 lab hours)** This eight-week course is the second in a series of four courses in the first year of the DVM curriculum. It aims to equip students with an understanding of the biological principles that support mechanisms of health, through the study of anatomy (gross and microscopic), physiology, and function in the healthy animal, including basic diagnostic imaging correlates. Emphasis is placed on homeostasis and the mechanisms by which body systems maintain normal function. Each of the four courses will sequentially cover the various body systems of domestic animals through lectures and labs. This course will focus on cardiovascular and respiratory systems.	**6**
	DVM 1013	**Veterinary Stewardship: Animal Husbandry & Welfare** **(30 hours classroom)** This course provides an in-depth exploration of animal husbandry practices and welfare principles essential for veterinary professionals. Students will learn about ethical, legal, regulatory, and scientific aspects of animal care. Emphasis is placed on the well-being of animals across physical and psychological dimensions, as well as the interrelationship of animals and the environment. Key topics include behavior, nutrition, housing/environment, ethical principles, legislation, and standards of care.	**2**
	DVM 1014	**Applied Clinical Techniques I** **(60 hours lab)** The first of six courses in the DVM curriculum focused on the development of hands-on clinical skills required for a competent veterinary practitioner. The topics and skills covered in each course align with the subject matter from the concurrent didactic coursework to ensure integration. This course introduces students to biosecurity, safety, handling and physical exams as a foundational physical diagnostic method in large and small animals. Students also begin developing teamwork and collaboration skills, working alongside peers to lay the foundation for future contribution to the professional healthcare team.	**2**

	DVM 1015	**Professional Identity and Life Skills I** **(30hours classroom and lab)** This course is the first in a series of four courses within the DVM curriculum focused on veterinary professional development. Through various learning methods, students will be exposed to topics and skills in the domains of communication with colleagues and clients, leadership, collaboration as members of the professional healthcare team, accessibility, ethical principles related to the delivery of medical services, wellness, personal and business finance and management skills, and scholarship, including foundations of information literacy and evidence-based veterinary medicine. This course will introduce these domains and lay the foundation for more advanced topic exploration.	**1**
	SEMESTER 1 TOTAL		**19**
2	**DVM 1016**	**Foundations in Animal Health III** **(48 classroom hours, 32 lab hours)** This eight-week course is the third course in a series of four courses in the first year of the DVM curriculum. It aims to equip students with an understanding of the biological principles that support mechanisms of health, through the study of anatomy (gross and microscopic), physiology, and function in the healthy animal, including basic diagnostic imaging correlates. Emphasis is placed on homeostasis and the mechanisms by which body systems maintain normal function. Each of the 4 courses will sequentially cover the various body systems of domestic animals through lectures and labs. This course will focus on nutrition and the gastrointestinal and endocrine systems.	**8**
	DVM 1017	**Foundations in Animal Health IV** **(32 classroom hours, 32 lab hours)** This eight-week course is the final course in a series of four in the first year of the DVM curriculum. It aims to equip students with an understanding of the biological principles that support mechanisms of health, through the study of anatomy (gross and microscopic), physiology, and function in the healthy animal, including basic diagnostic imaging correlates. Emphasis is placed on homeostasis and the mechanisms by which body systems maintain normal function. Each of the 4 courses will sequentially cover the various body systems of domestic animals through lectures and labs. This course will focus on the hepatobiliary, urinary and reproductive systems.	**6**
	DVM 1018	**One Health: Public Health and Epidemiology** **(30 hours classroom)** This course provides students with a foundation in epidemiology, veterinary public health, and herd health management within the framework of clinical veterinary medicine, One Health principles, and community service. Students will explore the interrelationship of animals and the environment, and the veterinarian's contribution to the overall public, examining disease transmission, outbreak investigation, and clinical diseases of populations across domestic and wildlife species. Emphasis is placed on zoonoses, food safety, biosecurity, and disease prevention strategies that safeguard animal, human, and environmental health, alongside the surveillance and risk assessment skills needed to inform population-level interventions. Students will engage with interdisciplinary teams, including public health officials, producers, and community stakeholders, and reflect on the ethical principles and professional responsibilities central to veterinary public health practice.	**2**

	DVM 1019	**Applied Clinical Techniques II** **(60 hours lab)** The second in a series of six courses in the DVM curriculum focused on the development of hands-on clinical skills required for a competent veterinary practitioner. The topics and skills covered in each course align with the subject matter from the concurrent didactic coursework to ensure integration. This course expands on advanced physical examinations as a physical diagnostic method and introduces basic therapeutic intervention. Students continue building teamwork and collaboration skills, applying clinical knowledge in a hands-on setting that reinforces their contribution to the professional healthcare team.	**2**
	DVM 1020	**Professional Identity and Life Skills II** **(30 hours classroom and lab)** This course is the second in a series of four courses within the DVM curriculum focused on veterinary professional development. Building on the first course in the series, students continue to develop their communication with clients and colleagues, leadership, and collaboration as members of the professional healthcare team. The course also addresses ethical principles related to the delivery of medical services, wellness, personal and business finance and management skills, and scholarship, including information literacy and evidence-based veterinary medicine. Students are given increased opportunities to apply these skills with greater independence, building toward the professional competencies expected of a practicing veterinarian.	**1**
	SEMESTER 2 TOTAL		**19**
YEAR 2			
3	**DVM 2010**	**Animal Health Challenges I** **(40 classroom hours, 16 lab hours)** This eight-week course is the first in a series of four courses within the DVM curriculum which aims to equip students with clinically relevant knowledge of the biological mechanisms of disease, including pathology, bacteriology, mycology, virology, parasitology, basic level pharmacology, toxicology and diagnostic imaging. Each of the four courses will sequentially cover the most important veterinary diseases affecting the various body systems of domestic animals. This course will focus on general pathology, fundamentals of pathogens, and musculoskeletal disease.	**6**
	DVM 2011	**Animal Health Challenges II** **(56 classroom hours,160 lab hours)** This eight-week course is the second in a series of four courses within the DVM curriculum which aims to equip students with clinically relevant knowledge of the biological mechanisms of disease, including pathology, bacteriology, mycology, virology, parasitology, basic level pharmacology, toxicology and diagnostic imaging. Each of the four courses will sequentially cover the most important veterinary diseases affecting the various body systems of domestic animals. This course will focus on diseases of the neurologic system, special senses, and gastrointestinal systems.	**8**
	DVM 2012	**Veterinary Clinical Pharmacology** **(30 hours classroom)** This course provides an in-depth exploration of pharmacologic principles and biologic mechanisms as they apply to the clinical management of animal patients. Students will examine the mechanisms of drug action, pharmacokinetics, pharmacodynamics, and the use of pharmaceuticals for therapeutic intervention across major veterinary species. Emphasis is placed on evidence-based drug	**2**

		selection, dosing strategies, adverse drug reactions, drug interactions, and the ethical, legal, and regulatory principles related to drug use in the delivery of veterinary medical services. Through case-based learning and clinical scenarios, students will develop the problem-solving skills necessary to apply pharmacologic knowledge in real-world veterinary practice.	
	DVM 2013	**Applied Clinical Pathology for Veterinary Practice** **(38 hours classroom, 14 hours lab)** This course explains pathophysiologic and biologic mechanisms responsible for abnormal findings in hematologic, biochemical, cytologic tests, and urinalysis in health and disease of animals. Students will learn to select appropriate laboratory diagnostic methods for various diseases and perform diagnostic interpretation of their results. They will additionally learn basic principles of laboratory medicine, including quality control, reference intervals, specificity, sensitivity, and positive and negative predictive values.	**3**
	DVM 2014	**Applied Clinical Techniques III** **(60 hours lab)** The third in a series of six courses in the DVM curriculum focused on the development of hands-on clinical skills required for a competent veterinary practitioner. The topics and skills covered in each course align with the subject matter from the concurrent didactic coursework to ensure integration. This course focuses on cardiopulmonary resuscitation, basic surgery skills, and general dentistry principles. Students continue building teamwork and collaboration skills, applying clinical knowledge in a hands-on setting that reinforces their contribution to the professional healthcare team.	**2**
	DVM 2015	**Professional Identity and Life Skills II** **(30 hours classroom and lab)** This course is the third in a series of four courses within the DVM curriculum focused on veterinary professional development. Building on the foundation established in the first two courses, students continue to develop their communication with clients and colleagues, leadership, and collaboration as members of the professional healthcare team. The course also reinforces ethical principles related to the delivery of medical services, wellness, personal and business finance and management skills, and scholarship, including information literacy and evidence-based veterinary medicine. Students engage with this content in increasingly applied and complex contexts, continuing to build the professional competencies expected of a practicing veterinarian.	**1**
	SEMESTER 3 TOTAL		**22**
4	**DVM 2016**	**Animal Health Challenges III** **(40 classroom hours, 16 lab hours)** This eight-week course is the third in a series of four courses within the DVM curriculum which aims to equip students with clinically relevant knowledge of the biological mechanisms of disease, including pathology, bacteriology, mycology, virology, parasitology, basic level pharmacology, toxicology and diagnostic imaging. Each of the four courses will sequentially cover the most important veterinary diseases affecting the various body systems of domestic animals. This course will focus on diseases of the hepatobiliary, urinary, and cardiorespiratory systems.	**6**

	DVM 2017	**Animal Health Challenges IV** **(56 classroom hours, 16 lab hours)** This final eight-week course in a series of four courses within the DVM curriculum aims to equip students with clinically relevant knowledge of the biological mechanisms of disease, including pathology, bacteriology, mycology, virology, parasitology, basic level pharmacology, toxicology and diagnostic imaging. Each of the four courses will sequentially cover the most important veterinary diseases affecting the various body systems of domestic animals. This course will focus on diseases of the endocrine, reproductive, and integumentary systems.	**8**
	DVM 2018	**VetVision: Imaging for Diagnosis and Decision-Making** (**30 hours classroom)** Expanding on imaging knowledge from foundational coursework, this course focuses on the use of diagnostic imaging in clinical case management. Students learn to select appropriate imaging modalities and apply diagnostic interpretation to imaging findings across multiple body systems, integrating them with clinical history, physical examination, and laboratory data. Emphasis is placed on problem solving and the principles of diagnosis that support sound medical judgments and therapeutic decision-making, as well as on communicating imaging findings effectively with colleagues and clients.	**2**
	DVM 2019	**Veterinary Anesthesia and Analgesia** **(45 hours classroom)** This course builds upon previously acquired knowledge of physiology, pathophysiology, and pharmacology to develop the clinical competencies required for veterinary anesthesia and analgesia. Students examine the physiologic responses to anesthesia and pain, applying pharmacologic principles to the selection and use of anesthetic and analgesic agents in diverse veterinary patients. Emphasis is placed on patient assessment, anesthetic planning, anesthetic machine and equipment use, peri-anesthetic monitoring, and pain management strategies. Through the integration of clinical reasoning and evidence-based medical judgments, students learn to anticipate, recognize, and respond appropriately to anesthetic and analgesic complications while promoting patient safety, the well-being of animals, and ethical principles in veterinary practice.	**3**
	DVM 2020	**Applied Clinical Techniques IV** **(60 lab hours)** The fourth in a six-course clinical skills sequence, this course integrates hands-on learning with concurrent didactic coursework to develop competencies essential for veterinary practice. Using simulation-based learning, students apply and expand their skills in anesthesia, diagnostic imaging, advanced surgery techniques, and foundational veterinary dentistry. Emphasis is placed on anesthetic equipment setup and operation, patient monitoring, diagnostic image acquisition and positioning, progression of surgical skills introduced in Applied Clinical Techniques III, and core dental procedures and techniques. Students further develop teamwork, communication, and clinical decision-making skills while applying their knowledge in realistic clinical scenarios that reflect their contribution to the professional healthcare team.	**2**
	DVM 2021	**Professional Identity and Life Skills IV** **(30 hours classroom and lab)** This course is the final in a series of four courses within the DVM curriculum focused on veterinary professional development. Building on the first three courses in the	**1**

		series, students continue to develop their communication with clients and colleagues, leadership, and collaboration as members of the professional healthcare team. The course also addresses ethical principles related to the delivery of medical services, wellness, personal and business finance and management skills, and scholarship, including information literacy and evidence-based veterinary medicine. Students consolidate and apply these competencies through authentic professional scenarios, preparing them for supervised clinical experiences and continued professional growth within veterinary medicine.	
	SEMESTER 4 TOTAL		**22**
YEAR 3			
The third pre-clinical year serves as a pivotal transition between foundational veterinary coursework and immersive clinical training. This semester is designed to provide students with both breadth and depth in veterinary medicine through a combination of core, track-required, and elective courses tailored to individual interests and career goals. **Core courses reinforce critical competencies in clinical reasoning, diagnostic skills, and professional readiness. In addition to the core courses, students are required to enroll in 2 track-specific course credits and a minimum of 1 elective course credit within the third year. Students may enroll in a maximum of 20 credits in each semester.** **This flexible yet structured semester empowers students to refine their knowledge, strengthen clinical preparedness, and align their academic experience with future aspirations—whether in general practice, specialty medicine, research, or public service.**			
5 - Core	**DVM 3010**	**Small Animal Medicine and Surgery I** **(60 hours classroom, 60 hours lab)** The first of two small animal medicine and surgery courses, this case-based course addresses the theory and practice of medicine and surgery for commonly observed canine and feline diseases, including etiology, pathophysiology, epidemiology, clinical manifestations, diagnostic evaluation, therapeutic intervention (including surgery), and prognosis. The course focuses on nutrition and the gastrointestinal, hepatobiliary, reproductive, and urogenital systems, as well as endocrinology and oncology. Students apply problem solving and the principles of diagnosis to clinical diseases of individual animals, supporting sound medical judgments and patient management.	**5**
	DVM 3011	**Exotic Animal Medicine and Surgery** **(45 hours classroom)** This case-based course addresses the theory and practice of medicine and surgery applicable to a broad range of species. Students study commonly observed diseases of pet birds, reptiles, amphibians, fish, and small mammals, including etiology, pathophysiology, epidemiology, clinical manifestations, diagnostic evaluation, therapeutic intervention (including surgery), and prognosis. Students apply problem solving and the principles of diagnosis to clinical diseases of individual animals, supporting sound medical judgments across diverse species. Species-specific husbandry, nutrition, and the interrelationship of animals and the environment are emphasized as foundations of disease prevention and recovery.	**3**
	DVM 3012	**Applied Clinical Techniques V** **(30 hours lab)** The fifth in a series of six courses in the DVM curriculum, this course focuses on the development of hands-on clinical skills required of a competent veterinary practitioner. The topics and skills covered align with concurrent didactic coursework	**1**

		to promote integration of knowledge and clinical application. Under the direct supervision of licensed veterinary faculty, students perform anesthesia and surgery in live small animal patients, applying principles of preoperative assessment and planning, anesthetic management, surgical technique, and postoperative care. Through these experiences, students refine clinical reasoning, technical proficiency, teamwork, and communication skills while contributing effectively to the professional healthcare team and delivering patient-centered care.	
	DVM 3013	**Intro to Clinics, Clinical Reasoning, and Case Management with NAVLE Prep I (12 hours classroom, 6 hours lab)** This integrative course serves as a capstone to the pre-clinical curriculum, preparing students to transition from foundational coursework to workplace-based clinical training. Building on the knowledge, skills, and clinical reasoning developed throughout the DVM program, the course prepares students for increasing responsibility in patient care. Students engage in advanced clinical reasoning exercises and collaborative case management simulations that reflect the complexity of veterinary practice. Emphasis is placed on synthesizing clinical and diagnostic information, formulating evidence-based diagnostic and therapeutic plans, and communicating effectively with clients, colleagues, and members of the veterinary healthcare team. The course also provides a structured framework for early NAVLE preparation through case-based review and clinical application of foundational concepts. Clinical Education sessions orient students to the expectations, responsibilities, and workplace-based learning environment of the clinical year, fostering confidence and readiness for successful participation in clinical rotations.	**1**
	DVM 3014	**Transboundary and Emerging Diseases of Animals & Initial Accreditation Training** **(15 hours online course)** This course provides veterinary students with a comprehensive understanding of transboundary and emerging animal diseases (TADs), emphasizing their global impact on animal health, public health, food security, and international trade. Students will explore the epidemiology, pathogenesis, diagnosis, prevention, and control of high-consequence diseases such as Foot-and-Mouth Disease, African Swine Fever, Highly Pathogenic Avian Influenza, and others of national and international concern. Integrated into the course is the Initial Accreditation Training (IAT), which prepare students for USDA National Veterinary Accreditation Program (NVAP) certification. Through this component, students will gain foundational knowledge in federal and state regulatory frameworks, animal movement regulations, reportable diseases, and the roles and responsibilities of accredited veterinarians in safeguarding animal and public health.	**0**
	SEMESTER 5 CORE TOTAL		**10**
6 - Core	**DVM 3015**	**Small Animal Medicine and Surgery II** **(60 hours classroom, 60 hours lab)** The second of two small animal medicine and surgery courses, this case-based course addresses the theory and practice of medicine and surgery for commonly observed canine and feline diseases, including etiology, pathophysiology, epidemiology, clinical manifestations, diagnostic evaluation, therapeutic intervention (including surgery), and prognosis. This course will focus on critical care, dermatology, cardiorespiratory, hemolymphatic, neurologic, and musculoskeletal systems. Students apply problem solving and the principles of diagnosis to clinical diseases of individual animals, supporting sound medical judgments and patient management.	**5**

	DVM 3016	**Equine Medicine & Surgery** **(45 hours classroom)** This case-based course addresses the theory and practice of medicine and surgery for commonly observed equine diseases. Emphasis is on etiology, pathophysiology, epidemiology, clinical presentation, diagnostic evaluation, therapeutic intervention (including surgery), and prognosis of commonly observed equine diseases. Students apply problem solving and the principles of diagnosis to clinical diseases of individual animals, supporting sound medical judgments and patient management across major body systems.	**3**
	DVM 3017	**Production Animal Medicine & Surgery** **(45 hours classroom)** This case-based course addresses the theory and practice of medicine and surgery for commonly observed diseases in production animal species. Emphasis is on etiology, pathophysiology, epidemiology, clinical presentation, diagnostic evaluation, therapeutic intervention (including surgery), and prognosis of commonly observed production animal disease. Students apply problem solving and the principles of diagnosis to clinical diseases of individual animals and populations, supporting sound medical judgments and patient management, with attention to biosecurity, herd health, and production goals.	**3**
	DVM 3018	**Applied Clinical Techniques VI** **(30 hours lab)** The final in a series of six courses within the DVM curriculum, this course focuses on the development of hands-on clinical skills required of a competent veterinary practitioner. The topics and skills covered align with concurrent didactic coursework to promote integration of knowledge and clinical application. Under the direct supervision of licensed veterinary faculty, students perform anesthesia and surgery in live small animal patients, applying principles of preoperative assessment and planning, anesthetic management, surgical technique, and postoperative care. Through these experiences, students refine clinical reasoning, technical proficiency, teamwork, and communication skills while contributing effectively to the professional healthcare team and delivering patient-centered care.	**1**
	DVM 3019	**Intro to Clinics, Clinical Reasoning, and Case Management with NAVLE Prep II** **(12 hours classroom, 6 hours lab)** This integrative course serves as a capstone to the pre-clinical curriculum, preparing students to transition from foundational coursework to workplace-based clinical training. Building on the knowledge, skills, and clinical reasoning developed throughout the DVM program, the course prepares students for increasing responsibility in patient care. Students engage in advanced clinical reasoning exercises and collaborative case management simulations that reflect the complexity of veterinary practice. Emphasis is placed on synthesizing clinical and diagnostic information, formulating evidence-based diagnostic and therapeutic plans, and communicating effectively with clients, colleagues, and members of the veterinary healthcare team. The course also provides a structured framework for early NAVLE preparation through case-based review and clinical application of foundational concepts. Clinical Education sessions orient students to the expectations, responsibilities, and workplace-based learning environment of the clinical year, fostering confidence and readiness for successful participation in clinical rotations.	**1**
	SEMESTER 6 CORE TOTAL		**13**

5, 6 – Tracks	PRE-CLINICAL TRACK COURSES		
	SMALL ANIMAL TRACK **Requirement: Students must complete a minimum of two (2) credits**		
	DVM 5010	**Feline Medicine and Surgery** **(12hours classroom, 6 hours lab)** This course provides an in-depth exploration of feline-specific medical conditions, diagnostics, and therapeutic approaches. Designed for students with an interest in small animal practice, the course emphasizes the unique aspects of feline physiology, behavior, and disease presentation that distinguish cats from other companion animals. Through a combination of lectures, case-based discussions, and hands-on labs, students will develop the clinical reasoning and technical skills necessary to diagnose and manage common and complex feline diseases.	**1**
	DVM 5011	**Small Animal Behavior** **(15 hours classroom)** This course provides an in-depth exploration of behavioral medicine in small animal practice, with a focus on the diagnosis, management, and treatment of common behavioral disorders in dogs and cats. Building on foundational knowledge in animal behavior and physiology, students will engage in case-based learning to develop clinical reasoning skills in behavioral assessment and intervention.	**1**
	DVM 5012	**Applied Small Animal Emergency Medicine** **(12 hours classroom, 6 hours lab)** This case-based course builds upon foundational knowledge in physiology, pharmacology, and clinical medicine to prepare students for the diagnosis and management of common small animal emergencies. Through interactive case discussions and simulated scenarios, students will apply clinical reasoning to acute presentations such as trauma, shock, respiratory distress, and toxicities. Emphasis is placed on triage, stabilization, diagnostic prioritization, and evidence-based treatment planning. The course also reinforces communication and teamwork skills essential for high-pressure clinical environments.	**1**
	DVM 5013	**Advanced Small Animal Dentistry** **(9 hours classroom, 12 hours lab)** This advanced course builds upon foundational principles of veterinary dentistry introduced during the first two years of the DVM curriculum. Designed for students seeking deeper clinical competence in small animal oral health, the course emphasizes diagnostic reasoning, treatment planning, and technical proficiency in managing complex dental conditions.	**1**
	EQUINE TRACK **Requirement: Students must complete a minimum of two (2) credits**		
	DVM 5014	**Advanced Equine Diagnostic Procedures** **(30 hours lab)** This course expands principles introduced in Equine Medicine and Surgery, Applied Clinical Techniques, and other courses taught in the RVU-CVM curriculum applicable to equine practice. Emphasizing a hands-on, case-based approach, the course focuses on the use of advanced imaging, endoscopy, diagnostic sampling, and interpretation techniques in the evaluation of equine patients.	**1**

	DVM 5015	**Equine Rehabilitation** **(15 hours classroom)** This course provides veterinary students with comprehensive instruction in the principles and practices of equine rehabilitation. Emphasizing both clinical theory and hands-on application, students will explore modalities such as physical therapy, therapeutic exercise, hydrotherapy, and regenerative medicine. The course integrates musculoskeletal anatomy, injury recovery, and performance optimization, preparing students to develop individualized rehabilitation plans for equine patients. Through case-based learning and practical experience, students will gain the skills necessary to support recovery, enhance mobility, and improve quality of life in equine athletes and companion animals.	**1**
	PRODUCTION ANIMAL TRACK **Requirement: Students must complete a minimum of two (2) credits**		
	DVM 5016	**Advanced Production Animal Procedures** **(30 hours lab)** This advanced clinical course equips veterinary students with the knowledge and technical skills necessary to perform and interpret diagnostic procedures in production animal species, including cattle, swine, sheep, and goats. Emphasizing herd-level diagnostics and field-applicable techniques, the course prepares students to support disease surveillance, outbreak investigation, and evidence-based decision-making in production settings.	**1**
	DVM 5017	**Small Ruminant Medicine and Surgery** **(12hours classroom, 6 hours lab)** This course provides veterinary students with focused instruction in the medical and surgical management of small ruminants, including sheep, goats, and camelids. Emphasizing both individual animal care and herd health, the course integrates clinical reasoning, diagnostic techniques, and surgical procedures relevant to small ruminant practice.	**1**
	MIXED ANIMAL TRACK **Requirement: Students must complete a minimum of two (2) credits**		
	DVM 5016	**Advanced Production Animal Procedures** **(30 hours lab)** This advanced clinical course equips veterinary students with the knowledge and technical skills necessary to perform and interpret diagnostic procedures in production animal species, including cattle, swine, sheep, and goats.	**1**
	DVM 5017	**Small Ruminant Medicine & Surgery** **(12hours classroom, 6 hours lab)** This course provides veterinary students with focused instruction in the medical and surgical management of small ruminants, including sheep, goats, and camelids. Emphasizing both individual animal care and herd health, the course integrates clinical reasoning, diagnostic techniques, and surgical procedures relevant to small ruminant practice.	**1**

	DVM 5010	**Feline Medicine and Surgery** **(12h classroom, 6 hours lab)** This course provides an in-depth exploration of feline-specific medical conditions, diagnostics, and therapeutic approaches. Designed for students with an interest in small animal practice, the course emphasizes the unique aspects of feline physiology, behavior, and disease presentation that distinguish cats from other companion animals. Through a combination of lectures, case-based discussions, and hands-on labs, students will develop the clinical reasoning and technical skills necessary to diagnose and manage common and complex feline diseases.	**1**
	DVM 5011	**Small Animal Behavior** **(15 hours classroom)** This course provides an in-depth exploration of behavioral medicine in small animal practice, with a focus on the diagnosis, management, and treatment of common behavioral disorders in dogs and cats. Building on foundational knowledge in animal behavior and physiology, students will engage in case-based learning to develop clinical reasoning skills in behavioral assessment and intervention.	**1**
	DVM 5012	**Applied Small Animal Emergency Medicine** **(12h classroom, 6 hours lab)** This case-based course builds upon foundational knowledge in physiology, pharmacology, and clinical medicine to prepare students for the diagnosis and management of common small animal emergencies. Through interactive case discussions and simulated scenarios, students will apply clinical reasoning to acute presentations such as trauma, shock, respiratory distress, and toxicities. Emphasis is placed on triage, stabilization, diagnostic prioritization, and evidence-based treatment planning. The course also reinforces communication and teamwork skills essential for high-pressure clinical environments.	**1**
	DVM 5013	**Advanced Small Animal Dentistry** **(9 hours classroom, 12 hours lab)** This advanced course builds upon foundational principles of veterinary dentistry introduced during the first two years of the DVM curriculum. Designed for students seeking deeper clinical competence in small animal oral health, the course emphasizes diagnostic reasoning, treatment planning, and technical proficiency in managing complex dental conditions.	**1**
	RESEARCH TRACK **Requirement: Students must complete DVM 5018 Introduction to Research and Seminar and one (1) additional credit. Minimum two (2) credit track requirement.**		
	DVM 5018	**Introduction to Research and Seminar** **(30 lab hours)** Students will help design, implement and/or perform data analysis involving the projects of RVU collaborative researchers on one of our three campuses or off campus. These research programs range across the spectrum: education-based studies, bench top projects, clinical/field trials, One Health endeavors and Interprofessional collaborations.	**1**

	DVM 5019	**Public Practice Problem-Solving** **(15 hours classroom)** This course introduces veterinary students to the critical role of veterinarians in public practice, including working with government agencies such as the CDC, FDA, USDA, and state health departments. Through case-based learning and real-world scenarios, students will explore how veterinarians contribute to public health, food safety, disaster response, and infectious disease outbreak investigations. The course emphasizes interdisciplinary collaboration, systems thinking, and applied problem-solving in complex, high-stakes environments.	**1**
	DVM 5020	**Wildlife and Zoological Medicine** **(15 hours classroom)** This course provides veterinary students with an introduction to the principles and practices of wildlife and zoological medicine. Emphasizing the medical, ecological, and ethical aspects of caring for nondomestic species, the course explores the diagnosis, treatment, and management of diseases in captive and free-ranging wildlife, zoo animals, and exotic pets.	**1**
5, 6 - Elective	**PRE-CLINICAL ELECTIVE COURSES**		
	DVM 5021	**Practice Management** **(15 hours classroom)** This advanced course builds upon foundational principles introduced throughout the first five semesters of the DVM curriculum within the Professional Identity and Life Skills courses. Guiding students through the complex and dynamic landscape of veterinary practice management. Through a case-based learning approach, students will apply their prior knowledge to real-world scenarios involving business operations, financial decision-making, human resource challenges, marketing strategies, and legal and ethical considerations.	**1**
	DVM 5020	**Wildlife and Zoological Medicine** **(15 hours classroom)** This course provides veterinary students with an introduction to the principles and practices of wildlife and zoological medicine. Emphasizing the medical, ecological, and ethical aspects of caring for nondomestic species, the course explores the diagnosis, treatment, and management of diseases in captive and free-ranging wildlife, zoo animals, and exotic pets.	**1**
	DVM 5019	**Public Practice Problem-Solving** **(15 hours classroom)** This course introduces veterinary students to the critical role of veterinarians in public practice, including working with government agencies such as the CDC, FDA, USDA, and state health departments. Through case-based learning and real-world scenarios, students will explore how veterinarians contribute to public health, food safety, disaster response, and infectious disease outbreak investigations. The course emphasizes interdisciplinary collaboration, systems thinking, and applied problem-solving in complex, high-stakes environments.	**1**
	DVM 5018	**Introduction to Research and Seminar** **(30 lab hours)** Students will help design, implement and/or perform data analysis involving the projects of RVU collaborative researchers on one of our three campuses or off	**1**

		campus. These research programs range across the spectrum: education-based studies, bench top projects, clinical/field trials, One Health endeavors and Interprofessional collaborations.	
	DVM 5016	**Advanced Production Animal Procedures** **(30 hours lab)** This advanced clinical course equips veterinary students with the knowledge and technical skills necessary to perform and interpret diagnostic procedures in production animal species, including cattle, swine, sheep, and goats.	**1**
	DVM 5017	**Small Ruminant Medicine & Surgery** **(12 hours classroom, 6 hours lab)** This course provides veterinary students with focused instruction in the medical and surgical management of small ruminants, including sheep, goats, and camelids. Emphasizing both individual animal care and herd health, the course integrates clinical reasoning, diagnostic techniques, and surgical procedures relevant to small ruminant practice.	**1**
	DVM 5014	**Advanced Equine Diagnostic Procedures** **(30 hours lab)** This course expands principles introduced in Equine Medicine and Surgery, Applied Clinical Techniques, and other courses taught in the RVU-CVM curriculum applicable to equine practice. Emphasizing a hands-on, case-based approach, the course focuses on the use of advanced imaging, endoscopy, diagnostic sampling, and interpretation techniques in the evaluation of equine patients.	**1**
	DVM 5015	**Equine Rehabilitation** **(15 hours classroom)** This course provides veterinary students with comprehensive instruction in the principles and practices of equine rehabilitation. Emphasizing both clinical theory and hands-on application, students will explore modalities such as physical therapy, therapeutic exercise, hydrotherapy, and regenerative medicine. The course integrates musculoskeletal anatomy, injury recovery, and performance optimization, preparing students to develop individualized rehabilitation plans for equine patients. Through case-based learning and practical experience, students will gain the skills necessary to support recovery, enhance mobility, and improve quality of life in equine athletes and companion animals.	**1**
	DVM 5010	**Feline Medicine and Surgery** **(12 hours classroom, 6 hours lab)** This course provides an in-depth exploration of feline-specific medical conditions, diagnostics, and therapeutic approaches. Designed for students with an interest in small animal practice, the course emphasizes the unique aspects of feline physiology, behavior, and disease presentation that distinguish cats from other companion animals. Through a combination of lectures, case-based discussions, and hands-on labs, students will develop the clinical reasoning and technical skills necessary to diagnose and manage common and complex feline diseases.	**1**

	DVM 5011	**Small Animal Behavior** **(15 hours classroom)** This course provides an in-depth exploration of behavioral medicine in small animal practice, with a focus on the diagnosis, management, and treatment of common behavioral disorders in dogs and cats. Building on foundational knowledge in animal behavior and physiology, students will engage in case-based learning to develop clinical reasoning skills in behavioral assessment and intervention.	**1**
	DVM 5012	**Applied Small Animal Emergency Medicine** **(12 hours classroom, 6 hours lab)** This case-based course builds upon foundational knowledge in physiology, pharmacology, and clinical medicine to prepare students for the diagnosis and management of common small animal emergencies. Through interactive case discussions and simulated scenarios, students will apply clinical reasoning to acute presentations such as trauma, shock, respiratory distress, and toxicities. Emphasis is placed on triage, stabilization, diagnostic prioritization, and evidence-based treatment planning. The course also reinforces communication and teamwork skills essential for high-pressure clinical environments.	**1**
	DVM 5013	**Advanced Small Animal Dentistry** **(9 hours classroom, 12 hours lab)** This advanced course builds upon foundational principles of veterinary dentistry introduced during the first two years of the DVM curriculum. Designed for students seeking deeper clinical competence in small animal oral health, the course emphasizes diagnostic reasoning, treatment planning, and technical proficiency in managing complex dental conditions.	**1**
	SEMESTER 5 and 6 MINIMUM ELECTIVE CREDIT TOTAL		**1**

YEAR 4 – CLINICAL YEAR

The clinical year includes a tracking program that allows students to tailor their clinical education based on their career interests. Students select a Small Animal, Equine, Production Animal, Mixed Animal or Research Track, which determines the structure of required clinical rotations.

All students must complete a set of four core rotations that ensure exposure to essential clinical competencies. Beyond these, students focus on their chosen track through a series of track-specific required rotations, providing depth of experience in relevant species and clinical settings.

In addition to these required rotations, students have the flexibility to design individualized experiences through externships. This structure ensures that all students meet foundational clinical requirements while allowing customization to align with personal interests and career goals as they prepare for professional practice. Students are provided with a four-week vacation block.

Rotation Break October-November Window – NAVLE (4 weeks = 0 credits)

While consistent study throughout the curriculum is the foundation for NAVLE® success, this dedicated break during the fall semester is designed to support final review and reinforce key concepts. Students are encouraged to use this time to consolidate knowledge, revisit high-yield topics, and engage in focused, low-stress preparation. Equally important is prioritizing rest and well-being to ensure mental sharpness and readiness for exam day.

This required break allows students to continue their independent study and sit for the North American Veterinary Licensing Examination (NAVLE®).

Summer, Fall, Spring	CORE ROTATIONS		
	DVM 4010	**Small Animal General Practice** **(4 weeks workplace-based learning)** This four-week rotation provides veterinary students with practical experience in a primary care setting, focusing on the comprehensive management of small animal patients in a general practice environment. Students participate in all aspects of outpatient and inpatient care, including wellness exams, preventive healthcare, diagnostic testing, minor surgical procedures, dental care, and client education as members of the professional healthcare team. Under the supervision of experienced general practitioners, students refine their skills in physical examination, diagnostic interpretation, clinical reasoning, treatment planning, and communication with clients and colleagues. Emphasis is placed on preventive medicine, case continuity, and the development of efficient, evidence-based therapeutic plans.	**4**
	DVM 4011	**Shelter Medicine and Surgery** **(4 weeks workplace-based learning)** This four-week clinical rotation provides clinical year veterinary students with immersive, hands-on experience in shelter medicine, delivering care to underserved animal populations across a variety of shelter settings. Students work closely with shelter veterinarians and staff to support animal health and welfare through population health management, infectious disease prevention and control, high-volume spay/neuter programs, preventive medicine, and behavioral wellness initiatives. The rotation emphasizes clinical decision-making in resource-limited environments while fostering an understanding of public health, community engagement, and the broader role of shelter medicine in promoting animal welfare.	**4**
	DVM 4012	**Large Animal Ambulatory** **(2 weeks workplace-based learning)** This two-week clinical rotation provides veterinary students with hands-on experience in the ambulatory service at RVREC, working with both equine and production animal species. The rotation emphasizes the delivery of veterinary care in field conditions, addressing clinical diseases of individual animals and populations. Students rotate through each ambulatory service, working closely with RVUCVM faculty to develop practical skills in physical diagnostic methods, diagnostic interpretation, therapeutic intervention, herd health management, biosecurity, and communication with clients and colleagues, contributing to the professional healthcare team and the well-being of animals.	**2**
	DVM 4013	**Veterinary Diagnostic Pathology** **(2 weeks workplace-based learning)** This two-week rotation provides veterinary students with hands-on experience in veterinary diagnostic pathology, with a primary focus on necropsy procedures and diagnostic interpretation. Students actively participate in the postmortem examination of a variety of animal species, including companion animals, livestock, and exotics, under the supervision of board-certified pathologists. Emphasis is placed on the principles of diagnosis, correlating gross and clinical pathology findings with disease mechanisms, and biosecurity considerations.	**2**
	CORE ROTATIONS TOTAL		**12**

	CLINICAL TRACK ROTATIONS		
	SMALL ANIMAL		
	DVM 4014	**Small Animal General Practice** **(4 weeks workplace-based learning)** This four-week rotation provides veterinary students with practical experience in a primary care setting, focusing on the comprehensive management of small animal patients in a general practice environment. Students participate in all aspects of outpatient and inpatient care, including wellness exams, preventive healthcare, diagnostic testing, minor surgical procedures, dental care, and client education as members of the professional healthcare team. Under the supervision of experienced general practitioners, students refine their skills in physical examination, diagnostic interpretation, clinical reasoning, treatment planning, and communication with clients and colleagues. Emphasis is placed on preventive medicine, case continuity, and the development of efficient, evidence-based therapeutic plans.	**4**
	DVM 4015	**Small Animal Emergency Medicine** **(4 weeks workplace-based learning)** This intensive clinical rotation immerses students in the fast-paced environment of small animal emergency medicine and intensive care. Under the direct supervision of experienced emergency veterinarians, students participate in the assessment and management of a wide range of acute medical and surgical conditions, including trauma, shock, respiratory distress, and toxicities. Students develop proficiency in triage, patient stabilization, advanced diagnostics, fluid therapy, pain management, and critical care monitoring. Emphasis is placed on rapid clinical assessment, prioritization of patient needs, diagnostic and therapeutic decision-making under conditions of uncertainty, and effective communication with clients and the veterinary healthcare team.	**4**
	DVM 4016	**Small Animal Specialty Practice** **(4 weeks workplace-based learning)** This flexible clinical rotation allows clinical year veterinary students to tailor their learning experience by selecting small animal specialty services. Options may include, but are not limited to, internal medicine, surgery, cardiology, dermatology, neurology, oncology, ophthalmology, dentistry, behavior, and rehabilitation. Students will engage in hands-on clinical activities, including patient evaluations, diagnostic workups, treatment planning, and client communication under the supervision of board-certified specialists. Each selected service provides immersive exposure to specialty-specific cases, procedures, and clinical reasoning.	**4**
	SMALL ANIMAL TRACK REQUIRED ROTATIONS TOTAL		**12**
	DVM 4024	**Externships: Students are required to complete four (4) externships. Each 4-week externship may be selected from:** • **A list of clinical sites or** • **A facility of the student's choice, subject to college approval.**	**16**
	SMALL ANIMAL TRACK TOTAL		**28**
	EQUINE		
	DVM 4017	**Equine Private Practice** **(4 weeks workplace-based learning)** This clinical rotation provides veterinary students with immersive, real-world experience in equine private practice. Students work alongside experienced equine practitioners in ambulatory and hospital-based settings, gaining exposure to the daily	**4**

		operations, case management, and client interactions typical of private equine practice. Emphasis is placed on preventive medicine, therapeutic intervention in both routine and emergency contexts, and the well-being of patients receiving care.	
	DVM 4018	**Other College of Veterinary Medicine** **(4 weeks workplace-based learning)** This clerkship provides veterinary students with the opportunity to gain advanced experience in large animal medicine and surgery by participating in clinical services at other accredited Colleges of Veterinary Medicine. Students will work closely with faculty, interns, and residents in a teaching hospital environment, gaining exposure to referral-level diagnostics, therapeutics, and case management.	**4**
	DVM 4019	**Equine Ambulatory** **(4 weeks workplace-based learning)** This four-week clinical rotation provides veterinary students with field-based experience in primary and emergency equine care. Students work alongside experienced equine practitioners in ambulatory settings, gaining exposure to the daily operations, case management, and client interactions typical of private equine practice. Emphasis is placed on preventive medicine, therapeutic intervention in both routine and emergency contexts, and the well-being of patients receiving care.	**4**
	EQUINE TRACK REQUIRED ROTATIONS TOTAL		**12**
	DVM 4024	**Externships: Students are required to complete four (4) externships. Each 4-week externship may be selected from:** • **A list of clinical sites or** • **A facility of the student's choice, subject to college approval.**	**16**
	EQUINE TRACK TOTAL		**28**
		PRODUCTION ANIMAL	
	DVM 4020	**Production Animal Private Practice** **(4 weeks workplace-based learning)** This clerkship provides final year veterinary students with immersive, hands-on experience in the diagnosis, treatment, and management of diseases in food-producing animals, including cattle, sheep, goats, and swine, addressing clinical diseases of individual animals and populations. This rotation emphasizes clinical reasoning, herd health, and production medicine, applying population management principles and biosecurity in both field conditions and hospital settings.	**4**
	DVM 4021	**Production Animal Ambulatory** **(4 weeks workplace-based learning)** This four-week clinical rotation provides veterinary students with hands-on, field-based experience in primary and emergency production animal care, addressing clinical diseases of individual animals and populations. Students participate in real-world practice settings under field conditions, traveling with clinicians to barns, stables, and ranches to deliver comprehensive veterinary care, including preventive medicine and herd health management, outside the hospital environment.	**4**
	DVM 4018	**Other College of Veterinary Medicine** **(4 weeks workplace-based learning)** This clerkship provides veterinary students with the opportunity to gain advanced experience in large animal medicine and surgery by participating in clinical services at other accredited Colleges of Veterinary Medicine. Students will work closely with	**4**

		faculty, interns, and residents in a teaching hospital environment, gaining exposure to referral-level diagnostics, therapeutics, and case management.	
	PRODUCTION ANIMAL TRACK REQUIRED ROTATIONS TOTAL		**12**
	DVM 4024	**Externships: Students are required to complete four (4) externships. Each 4-week externship may be selected from:** • **A list of clinical sites or** • **A facility of the student's choice, subject to college approval.**	**16**
	PRODUCTION ANIMAL TRACK TOTAL CREDIT HOURS		**28**
	MIXED ANIMAL		
	DVM 4022	**Mixed Animal Private Practice** **(4 weeks workplace-based learning)** This rotation provides veterinary students with immersive, hands-on experience in both small and large animal practice. This rotation is designed to develop clinical reasoning, diagnostic acumen, and therapeutic decision-making across a diverse caseload, reflecting the realities of mixed animal practice.	**4**
	DVM 4015	**Small Animal Emergency Medicine** **(4 weeks workplace-based learning)** This intensive clinical rotation immerses students in the fast-paced environment of small animal emergency medicine and intensive care. Under the direct supervision of experienced emergency veterinarians, students participate in the assessment and management of a wide range of acute medical and surgical conditions, including trauma, shock, respiratory distress, and toxicities. Students develop proficiency in triage, patient stabilization, advanced diagnostics, fluid therapy, pain management, and critical care monitoring. Emphasis is placed on rapid clinical assessment, prioritization of patient needs, diagnostic and therapeutic decision-making under conditions of uncertainty, and effective communication with clients and the veterinary healthcare team.	**4**
	Students must choose one (1) of the rotations below. Rotation will be scheduled based on availability.		
	DVM 4018	**Other College of Veterinary Medicine** **(4 weeks workplace-based learning)** This clerkship provides veterinary students with the opportunity to gain advanced experience in large animal medicine and surgery by participating in clinical services at other accredited Colleges of Veterinary Medicine. Students will work closely with faculty, interns, and residents in a teaching hospital environment, gaining exposure to referral-level diagnostics, therapeutics, and case management.	**4**
	DVM 4016	**Small Animal Specialty Practice** **(4 weeks workplace-based learning)** This flexible clinical rotation allows clinical year veterinary students to tailor their learning experience by selecting small animal specialty services. Options may include, but are not limited to, internal medicine, surgery, cardiology, dermatology, neurology, oncology, ophthalmology, dentistry, behavior, and rehabilitation. Students will engage in hands-on clinical activities, including patient evaluations, diagnostic workups, treatment planning, and client communication under the supervision of board-certified specialists. Each selected service provides immersive exposure to specialty-specific cases, procedures, and clinical reasoning.	**4**

	MIXED ANIMAL TRACK REQUIRED ROTATIONS		**12**
	DVM 4024	**Externships: Students are required to complete four (4) externships. Each 4-week externship may be selected from:** • **A list of clinical sites or** • **A facility of the student's choice, subject to college approval.**	**16**
	MIXED ANIMAL TRACK TOTAL		**28**
	RESEARCH		
	DVM 4023	**VetScope: Veterinary Scholarly Opportunities in Practice and Exploration** **(4 weeks workplace-based learning)** VetScope is an immersive 12-week research clerkship opportunity that empowers veterinary students to engage directly in the scientific process through hands-on participation in benchtop research. Designed to cultivate critical thinking, scientific literacy, and investigative skills, this course offers students the opportunity to contribute meaningfully to ongoing research projects under the mentorship of faculty investigators. Throughout the rotation, students formulate research questions, retrieve and critically evaluate scientific literature, interpret data, and communicate effectively with colleagues and the broader scientific community, culminating in a presentation or written report of their findings. VetScope is ideal for students considering the breadth of veterinary medicine and career opportunities in academia, industry, or evidence-based clinical practice.	**12**
	DVM 4016	**Small Animal Specialty Practice** **(4 weeks workplace-based learning)** This flexible clinical rotation allows clinical year veterinary students to tailor their learning experience by selecting small animal specialty services. Options may include, but are not limited to, internal medicine, surgery, cardiology, dermatology, neurology, oncology, ophthalmology, dentistry, behavior, and rehabilitation. Students will engage in hands-on clinical activities, including patient evaluations, diagnostic workups, treatment planning, and client communication under the supervision of board-certified specialists. Each selected service provides immersive exposure to specialty-specific cases, procedures, and clinical reasoning.	**4**
	DVM 4015	**Small Animal Emergency Medicine** **(4 weeks workplace-based learning)** This intensive clinical rotation immerses students in the fast-paced environment of small animal emergency medicine and intensive care. Under the direct supervision of experienced emergency veterinarians, students participate in the assessment and management of a wide range of acute medical and surgical conditions, including trauma, shock, respiratory distress, and toxicities. Students develop proficiency in triage, patient stabilization, advanced diagnostics, fluid therapy, pain management, and critical care monitoring. Emphasis is placed on rapid clinical assessment, prioritization of patient needs, diagnostic and therapeutic decision-making under conditions of uncertainty, and effective communication with clients and the veterinary healthcare team.	**4**
	RESEARCH TRACK REQUIRED ROTATIONS		**20**
	DVM 4024	**Externships: Students are required to complete two (2) externships. Each 4-week externship may be selected from:** • **A list of clinical sites or** • **A facility of the student's choice, subject to college approval.**	**8**
	RESEARCH TRACK TOTAL		**28**

FINAL CLINICAL YEAR CREDITS	
CORE ROTATIONS CREDIT TOTAL	12
TRACK AND EXTERNSHIP REQUIREMENTS	28
TOTAL MINIMUM CLINICAL YEAR CREDITS	40
TOTAL PROGRAM REQUIRED COURSE AND ROTATION CREDITS	145
PROGRAM MINIMUM REQUIRED PRE-CLINICAL TRACK AND ELECTIVE CREDITS	3
MINIMUM REQUIRED CREDITS FOR PROGRAM COMPLETION	148