§ 2021.3. California Curriculum—Content.

1) Practicing Veterinary Medicine in California
   a) The Animal Industry in California
      i) Size & Economic Importance
         (1) Food Animals
         (2) Pets
      ii) Popular Species
      iii) Common Wildlife
         (1) Special Treatment & Safety Concerns
   b) Standards of Practice in California
      i) Ethical Considerations
      ii) Medical Quality
      iii) Premises
   c) Large Scale Disasters—Role of the Veterinarian
      i) Earthquakes
      ii) Floods
      iii) Fires
   d) Common Vaccination Protocols
      i) Pets
      ii) Horses
      iii) Food Animal

2) Regulatory Agencies
   a) Veterinary Medical Board
   b) California Occupational Safety & Health Administration (Cal/OSHA)
   c) Department of Health Services
      i) Rabies Control Regulations
      ii) Medical Waste Management
      d) United States Department of Agriculture (USDA)—Health Certificate Requirements
         i) Accreditation Process/Requirements
         ii) Health Certificate Requirements (Returned if incomplete)
   e) Board of Pharmacy
      i) Food-Animal Drug Retailers (Business & Professions Code Article 15)
      ii) Dangerous Drugs (Business & Professions Code §4022)
   f) Department of Fish & Game
      i) Prohibited Species
      ii) Exotic, Threatened & Endangered Species
      iii) Requirements to Treat
      iv) Rehabilitation Facilities
   g) Environmental Protection Agency (EPA)—Department of Toxic Substances Control (DTSC)
      i) Hazardous Waste Disposal
      h) Drug Enforcement Agency (DEA)/California Department of Justice, Narcotics Enforcement
      i) State Scheduled Drugs
      j) California Department of Food & Agriculture
         i) Regulatory Activities
         ii) Disaster Preparedness & Response
   h) California Department of Food & Agriculture
      i) Food-Animal Drug Retailers (Business & Professions Code Article 15)
      ii) Dangerous Drugs (Business & Professions Code §4022)
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   g) Environmental Protection Agency (EPA)—Department of Toxic Substances Control (DTSC)
      i) Hazardous Waste Disposal

3) Zoonotic Diseases/Cross Species Diseases (obtaining diagnostic samples, making a diagnosis, treatment protocols and prevention)
   a) Viral: Rabies, Hantavirus
   b) Bacterial: feline leprosy (Mycobacterium lepraeumurium), Bubonic plague (Yersinia pestis)
   c) Parasitic: Ascarisis (Toxocara canis, cati, leonina), cerebral spinal nematodiasis or meningoencephalitis, (Baylisascaris procyonis) visceral larva migrans (Toxocara canis)
   d) Fungal: Cryptococcosis (Cryptococcus neoformans), Coccidioidomycosis (Coccidioides immittis)
   e) Rickettsial: Ehrlichiosis (ehrlichia canis), Q-fever (coxiella burnetti), Rocky Mountain Spotted Fever (rickettsia rickettsii)
   f) Protozoan: (Salmon poisoning)
   g) Corynebacterium abscess
   h) E coli 0157
   i) Foothill Abortion
   j) Johne's disease
   k) Leptospirosis
   l) Mastitis
   m) Neosporosis
   n) Red Water disease
   o) Selenium & Copper deficiencies
   p) Trichinellosis
   q) Trichomoniasis

4) Diseases Associated with the California Environment (obtaining diagnostic samples, making a diagnosis, treatment protocols and prevention)
   a) Dangerous Plants: Foxtails
   b) Poisonous Plants: Black Walnut, Bracken Fern, Fiddleneck, Mushrooms, Oak Bud, Oleander, Senecia, Yellow Star Thistle, Other Poisonous Plants
   c) Poisonous Snakes, Insects, Chemicals
      i) Rattlesnake
      ii) Africanized Bee
      iii) Snail Bait
      iv) Strychnine Poisoning
   d) Sand Colic in Horses
   e) Sun Stroke, Hyperthermia, Nasal Solar Dematitis/Squamous Cell Carcinoma

5) Regionally Important Diseases of Pets in California (obtaining diagnostic samples, making a diagnosis, treatment protocols and prevention)
   a) Dermatitis (flea allergy, atopy, pyoderma, demodiciosis, sarcoptic mange)
   b) Parovirus
   c) Ehrlichiosis
   d) Protozoan: (Salmon poisoning)
   e) Thelaziasis
   f) Intestinal parasites (tapeworm, hookworm, coccidia, giardia, roundworm, whipworm)

6) Regionally/Economically Important Diseases of Food Animals (obtaining diagnostic samples, making a diagnosis, treatment protocols and prevention)
   a) Anaplasmosis
   b) Anthrax
   c) Bluetongue
   d) Botulism
   e) Bovine Viral Diarrea
   f) Campylobacteriosis
   g) Corynebacterium abscess
   h) E coli 0157
   i) Foothill Abortion
   j) Johne's disease
   k) Leptospirosis
   l) Mastitis
   m) Neosporosis
   n) Red Water disease
   o) Selenium & Copper deficiencies
   p) Trichinellosis
   q) Trichomoniasis

7) Regionally/Economically Important Diseases of Horses in California (obtaining diagnostic samples, making a diagnosis, treatment protocols and prevention)
   a) Botulism
   b) Corynebacterium pseudotuberculosis abscess
   c) Enteroliths
   d) Ehrlichiosis
   e) Western Equine Encephalomyelitis