

Anatomy On Line Site Needs
(Further items to be added as identified)

Site will need:

Books: See course outline

Skeletons / bone specimens

Full horse front leg

Full horse back leg

Full cow front leg

Full cow back leg

Dog or cat full skeleton

Pig skeleton (optional)

Individual skeletal bones

Cow / horse pelvis

Atlas, Axis (C1 and C2)

Skull with mandible – cow and horse

Examples of all vertebral areas: cervical, thoracic, lumbar, sacral,
coccygeal

Limb bones: scapula, humerus, ulna, radius, femur, tibia, fibula

Optional: Half leg models, front and back, for horse and cow

Carpal and tarsal models

Specimens – preserved and fresh

1 male dog intact - preserved

1 female dog or cat intact - preserved

1 male cat intact - preserved

Brain and spinal cord - preserved

Heart (may be fresh)

Horse kidneys (may be fresh)

Cow eye (fresh is best and then preserve in formalin for later use)

Horse GI tract (fresh)

Cow / small ruminant GI tract (fresh)

Hog GI tract (fresh)

Models

Eye

Ear

Kidney

Brain

Spinal cord

Heart

Dissection equipment

- Dissection table / area or other washable surface
- Bard Parker #3 or #4 handles and appropriate scalpel blades (#10 for the #3 and #20, 21 or 22 for the #4)
- Thumb tissue forceps
- Operating scissors (or mayo)
- Hemostatic forceps (crile or kelly)
- Probe for pointing and some blunt dissection
- Necropsy knife
- Rib cutters
- Bone cutters
- Bucket to float heart valves
- Saw
- Mallet
- Chisel
- Cooler
- Freezer
- Ventilation system sufficient to protect students from formaldehyde fumes

X-ray viewer and X-rays

- Representative VD and lateral X-rays of all body areas on a cat or dog: Skull, Chest, Abdomen, Vertebrae, Pelvis, Humerus, Femur, Radius/ulna, Tibia/fibula, Carpals, Tarsals, Metacarpals, Metatarsals, Phalanges, Stifle, Elbow, Shoulder, Hip

- Representative AP and lateral X-rays of horse feet.

Access to live horse, dog, cat for Bone Lab assignment 4

Protective gear / equipment

- Gloves
 - Exam gloves or dishwashing gloves work well
- Goggles
- Overboots
- Coveralls or long lab coat
- Eye wash station
- Sharps container

Cleaning equipment and supplies

- Footbath
- Bleach
- Water
- Degreaser / detergent
- Disinfectant