

The Axial Skeleton

The Human Skull: Cranial Bones

Cranial Sutures

Sagittal suture
Lambdoidal suture
Squamous suture
Coronal suture

Cranial Bones

Frontal bone
Sphenoid bone
Ethmoid bone
Parietal bone
Temporal bone
Occipital bone

Temporal Bone Markings

Zygomatic process
External auditory meatus
Mastoid process
Styloid process

Occipital Bone Markings

foramen magnum
occipital condyles

Sphenoid Bone Markings

Sella turcica - Turk's saddle
lesser wing
greater wing

Ethmoid Bone Markings

Crista galli - 'cock's comb'
cribriform plate

The Human Skull: Facial Bones

Mandible
Maxillae
Palatine Bones
Zygomatic Process

Lacrimal Bones
Nasal Bones
Vomer Bone
Inferior Conchae

Markings of the Mandible

mental foramen
mandibular symphysis
mandibular ramus
mandibular condyle
mandibular angle
mandibular notch
alveolar margins

Markings of the Maxillae

infraorbital foramen
alveolar margins
palatine process

The Human Vertebral Column

Divisions and Curvatures

cervical vertebrae
thoracic vertebrae
lumbar vertebrae
sacrum
coccyx

Vertebrae Structures

centrum (body)
vertebral arch
vertebral foramen
pedicles
laminae
spinous process
transverse process

The Atlas C₁

transverse foramen
posterior tubercle
inferior articular surface
superior articular surface
anterior tubercle

The Axis C₂

Dens
body
inferior articular surface
superior articular surface
spinous process

Cervical Vertebrae Markings

bifid spinous process [C₂ - C₆]
transverse foramina

Sacrum Markings

ala
sacral canal
superior articular surface
median sacral crest
sacral foramina

The Bony Thorax - Thoracic Cage

Sternum

manubrium
sternal angle
body
xiphisternal joint
xiphoid process
clavicular notch
jugular notch

The Ribs

vertebrosternal - true ribs [pairs 1-7]
vertebrochondral - false ribs [pairs 8-10]
vertebral - floating ribs [pairs 11-12]

Typical Rib Markings

shaft
costal groove
head
neck
tubercle

The Appendicular Skeleton

The Pectoral Girdle : Shoulder

The Clavicles

acromial end
sternal end
acromial articular facet
sternal articular facet
inferior border

Scapular

acromion
coracoid process
glenoid cavity
lateral border
suprascapular notch
superior angle
inferior angle
supraspinous fossa
spine
infraspinous fossa

The Upper Arm and the Forearm

The Humerus

greater and lesser tubercle
head
intertubercular groove
deltoid tuberosity
radial groove
medial and lateral epicondyle
coronoid fossa
capitulum
trochlea
olecranon

Ulna

head
ulnar notch
styloid process
semilunar notch
olecranon process
radial notch

Radius

head and neck
radial tuberosity
styloid process

The Hand

Phalanges
metacarpals
carpals
pisiform

The Pelvic Girdle and Lower Limbs

The Pelvic girdle: hip bones

Coxal bone: ilium, pubic, ischium
sacroiliac joint
iliac crest
iliac fossa
iliac spine
greater and lesser sciatic notch
ischial tuberosity
obturator foramen
acetabulum
pubic tubercle
ischial ramus

The Femur

neck and head
greater and lesser trochanter
intertrochanteric line and crest
linea aspera
lateral and medial epicondyle
patellar surface
intercondylar notch

The Fibula

head
lateral malleolus

The Tibbia

lateral and medial condyle [articular surface]
anterior crest
intercondylar eminence
tibial tuberosity
medial malleolus [articular surface]

The Foot

phalanges, metatarsals, tarsals
medial, lateral and intermediate cuneiform
navicular
talus
cuboid
calcaneus
facet for lateral malleolus