

**Tentative Class Schedule
Summer 2021**

Week & Start date	Topic of Lecture	Lab	Due Dates
Wk 1 – June 28	Introduction & Homeostasis	1-Tissue Buffering	Return Contract Prelab due - Wed MQ 1 & Lab Due– Sat 11:59 pm
Wk 2 – July 5	Organismal biology - hierarchy	Microscope lab Comparative tissues	Prelab due - Wed MQ 2 & Lab Due– Sat 11:59 pm
Wk 3 – July 12	Plant I Body Structures & Coverings	Plant Organs Roots, Stems & Leaves	Prelab due - Wed MQ 3 & Lab Due– Sat 11:59 pm
Wk 4 – July 19	Animal I Body Structures & Integument	Comparative Skeletal	Exam 1 Monday Prelab due - Wed MQ 4 & Lab Due– Sat 11:59 pm
Wk 5 – July 26	Plant II Nutrients & Photosynthesis	Nutrient deprivation studies & HHMI	Prelab due - Wed MQ 5 & Lab Due– Sat 11:59 pm
Wk 6 – Aug 2	Animal II Digestive Systems Nutrition	Structures of digestion Protein digestion	Prelab due - Wed MQ 6 & Lab Due– Sat 11:59 pm
Wk 7 – Aug 9	Plant III Plant Circulation	Transpiration lab. Comparative processes	Exam 2 Monday Prelab due - Wed MQ 7 & Lab Due– Sat 11:59 pm
Wk 8 – Aug 16	Animal III Animal Circulation	Vertebrate Circulatorium – HHMI tutorial	Prelab due - Wed MQ 8 & Lab Due– Sat 11:59 pm
Wk 9 – Aug 23	Plant IV Responsiveness	Tropisms lab Film – “How plants talk...”	Prelab due - Wed MQ 9 & Lab Due– Sat 11:59 pm
Wk 10 – Aug 30	Animal IV Nervous Systems	Student Projects due <i>Be ready to discuss on Wed.</i> Final Exam Review in Zoom	Projects due 8/30 MQ 10: Due Wed 11:59 pm (note different deadline) Final Exam Thurs 12-11:59 pm

**Final Exam THURSDAY of Week 10 -9/2/2021
Available Noon to 11:59 pm (2 part exam)**

Tentative Video Schedule

**Those with an R are required : turned in for HW credit with the prelab
→ Find Video Questions in Video Folder**

Week 1	Homeostasis Videos (3) – Bsci <ul style="list-style-type: none"> • Homeostatic hugs - Suggested • Homeostatic loops - R • Thermoregulation - R
Week 2	Tissues – Films On Demand <ul style="list-style-type: none"> • Plant Core Concepts Cells • Plant Core Concepts Tissues-R • Life Processes of Animals, Segment 3 Animal Cells, Tissues & Organs – R • Epithelial Tissues - R
Week 3	Plant Structure Videos – Bsci <ul style="list-style-type: none"> • Plants - Suggested • Plant Structure - R
Week 4	Wonder of Animals – Academic Video <ul style="list-style-type: none"> • S1: Ep 12: Birds of Prey - R
Week 5	Plants Obtaining Nutrients <ul style="list-style-type: none"> • Plant Nutrition & Transport Bsci - R
Week 6	Animal Nutrition <ul style="list-style-type: none"> • Comparative Anatomy of Domestic Chicken – HHMI • Digestive System – Bsci -R
Week 7	Plant Transport - Films On Demand <ul style="list-style-type: none"> • Transportation Systems in Plants - R
Week 8	Animal Transport <ul style="list-style-type: none"> • Circulatory System – Bsci - R
Week 9	Plant Responsiveness <ul style="list-style-type: none"> • What Plants Talk about – Nature/Youtube link - R
Week 10	Animal Responsiveness <ul style="list-style-type: none"> • How Animals Use Sound to Communicate – HHMI - R

BSci – Source is Bozeman Science at:

<http://www.bozemanscience.com/biology-main-page>

FOD – Films on Demand:

Ac Vid – Academic Video

→ Both of these are from LBCC Library Database – instructions for access in Video Folders

HHMI – Howard Hughes Medical Institute – link will be supplied in Moodle for a given week.