

SCIENCE LEARNING CENTER
Takoma Park/Silver Spring Campus
Montgomery College

BIOL 151—Supplemental Videos for Study and/or Extra Credit

Check the Lecture and Lab schedule to select videos for extra credit. You cannot get extra credit on a video if we have already finished that Unit.

The following is a list of videos that can be **viewed on your own or for extra credit**. Each one is about an hour long, and they will enhance your understanding of the concepts we are covering in Biology 151. You can access them on-line at any time but try to watch them according to the Unit we're currently studying.

TO GET EXTRA CREDIT: you'll need to watch the videos in the Science Learning Center. As with BIOL 150 classes to get extra credit, please get an Extra Credit answer form from the SLC staff, and have them date, time, and initial the form. Turn that form in to your professor no later than the day of the Unit test. Each Extra Credit form is worth 5 points, and you may watch up to FOUR (4) videos for extra credit, for a total of 20 pts for the semester. We advise you watch 1 video per Unit—**check with your Professor's** requirements regarding extra credit. **Once we have had the exam on that Unit, you cannot 'go back' and watch those videos for extra credit.**

Unit 1 Evolution

Endless forms most beautiful

<https://www.hhmi.org/biointeractive/endless-forms-most-beautiful>

1 hour video

Episode 1: Your Inner Fish

<https://www.hhmi.org/biointeractive/episode-1-your-inner-fish>

Episode 2: Your Inner Reptile

<https://www.hhmi.org/biointeractive/episode-2-your-inner-reptile>

[Selection in Action, by David Kingsley](#)

Corn, dog, and stickleback fish artificial and natural selection processes.

Unit 2 Microbes, Protists, Fungi

Microbes strike back

<https://www.hhmi.org/biointeractive/microbes-strike-back>

1 hour video

Shedding light on an invisible world

<https://www.hhmi.org/biointeractive/shedding-light-invisible-world>

1 hour video, quorum sensing

Fighting viruses in the lab and beyond

<https://www.hhmi.org/biointeractive/fighting-viruses-lab-and-beyond>

1 hour video

AIDS and the HIV life cycle

<https://www.hhmi.org/biointeractive/aids-and-hiv-life-cycle>

1 hour video

Unit 3: Plants and Animals

What Plants Talk About—Nature documentary, really good facts and experiments

<https://www.youtube.com/watch?v=CrrSAC-vjG4&ebc=ANyPxKpQH7bR11HG-zNPFF-OZMILxi->

[uG5AHW0Jb1f4beZfZv1DAQROD4msVaEjt5HFbpFQ9HFc6Ah12iaRv0E88i1yrXgb_Nq](https://www.youtube.com/watch?v=CrrSAC-vjG4&ebc=ANyPxKpQH7bR11HG-zNPFF-OZMILxi-uG5AHW0Jb1f4beZfZv1DAQROD4msVaEjt5HFbpFQ9HFc6Ah12iaRv0E88i1yrXgb_Nq)

The First Flower—NOVA documentary on plant evolution, from fossils to DNA sequences

<https://www.youtube.com/watch?v=f7ztfVrFnU>

From Butterflies to Humans

<https://www.hhmi.org/biointeractive/butterflies-humans>

Unit 4: Ecology—These are PAIRS of videos to watch

Watch BOTH of these: (about 30 minutes each)

Learning from Past Extinctions (Lecture 1) <https://www.biointeractive.org/professional-learning/science-talks/learning-past-extinctions>

AND

Humans, Biodiversity, and Habitat Loss (Lecture 2)

<https://www.biointeractive.org/professional-learning/science-talks/humans-biodiversity-and-habitat-loss>

Or BOTH of these: About 30 minutes each.

Ocean Species Respond to Climate Change (Lecture 5)

<https://www.biointeractive.org/professional-learning/science-talks/ocean-species-respond-climate-change>

AND

Dodging Extinction (Lecture 6)

<https://www.biointeractive.org/professional-learning/science-talks/dodging-extinction>