

# **Rider Institute Online**

## **Human Anatomy and Physiology**

Spring 2025 beginning January 7

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Website: [riderinstitute.org](http://riderinstitute.org)



This online course (for students in upper elementary through high school) covers human anatomy, physiology, disease, diagnostics, and therapeutics. No prior knowledge is required. Supplementary reading and simple home experiments are recommended (but not required) each week—see the next page.

The course is conducted via Google Meet on Tuesdays 8:30-9:30 p.m. Eastern (5:30-6:30 p.m. Pacific).

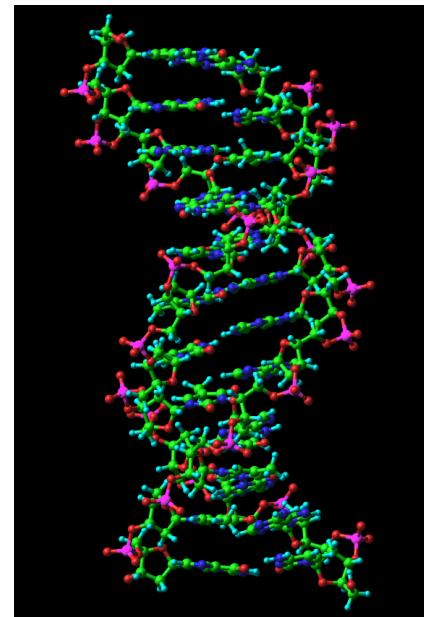
You can pay for individual blocks of 8 weeks (see below) or \$368 per household for the entire spring course. To register, please pay in advance by credit card ([riderinstitute.org/donate](http://riderinstitute.org/donate)) or by check (made payable to “Rider Institute Inc.” and mailed to: Todd Rider, 5 Green Needles Road, Littleton, MA 01460) and also send an email ([thor@riderinstitute.org](mailto:thor@riderinstitute.org)). Payments are nonrefundable.

### **Physiology Part I (\$184 per household for 8 weeks)**

Jan. 7	Immune system 1
Jan. 14	Immune system 2
Jan. 21	Immune system 3
Jan. 28	Respiratory system
Feb. 4	Cardiovascular system
Feb. 11	Kidneys
Feb. 18	Digestive system
Feb. 25	Liver

### **Physiology Part II (\$184 per household for 8 weeks)**

Mar. 4	Endocrine system 1
Mar. 11	Endocrine system 2
Mar. 18	Nervous system 1
Mar. 25	Nervous system 2
Apr. 1	Senses 1
Apr. 8	Senses 2
Apr. 15	Muscles and bones
Apr. 22	Developmental biology



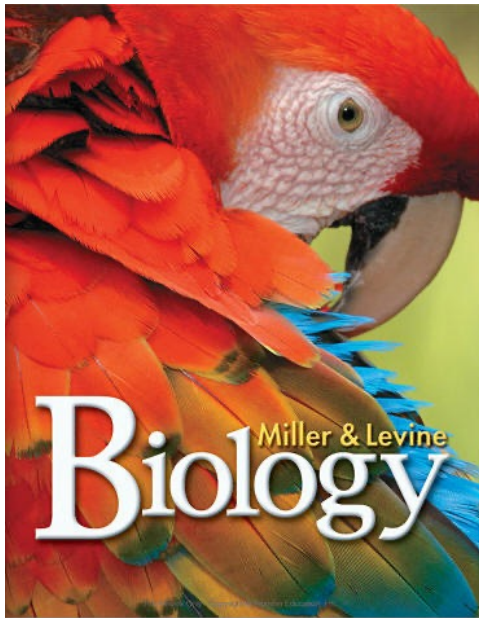
Dr. Rider has over 30 years of experience in science education and research:

[riderinstitute.org/education](http://riderinstitute.org/education)

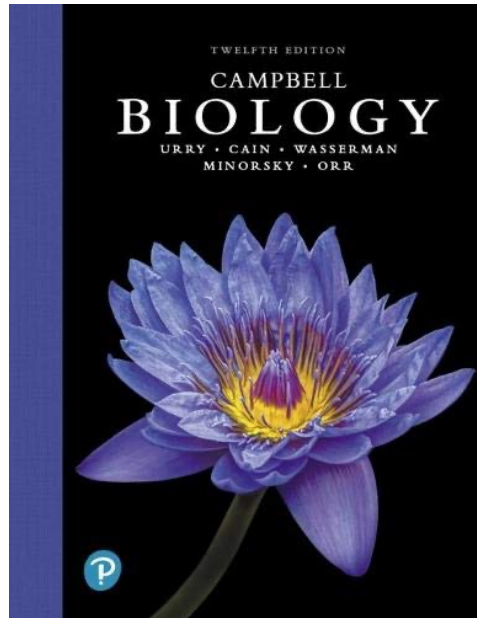
[riderinstitute.org/about](http://riderinstitute.org/about)

**Recommended (but not required): any one of these, any edition from the last ~15 years**

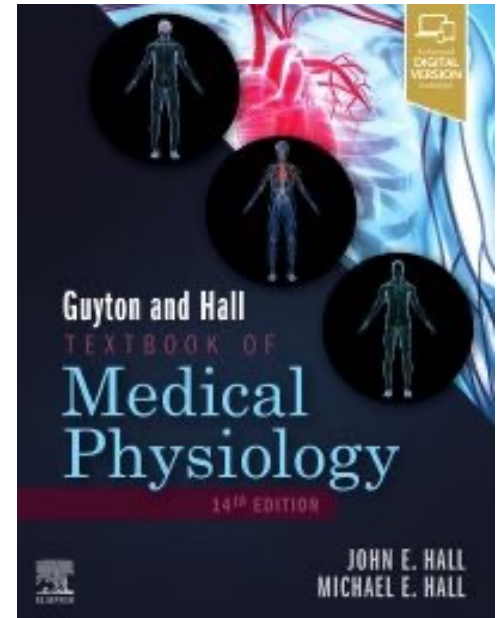
**Easiest**



**Intermediate**



**Detailed yet highly readable**



**New textbooks are insanely expensive, but more affordable used copies are available from dealers at [amazon.com](https://www.amazon.com), [abebooks.com](https://www.abebooks.com), etc. You can also save money (without losing much scientific content) by buying an edition that is recent but not the very latest.**

**Each week I will suggest simple lab activities that students can do at home with adult supervision, using common household items or supplies from online dealers. I especially recommend [www.homesciencetools.com](https://www.homesciencetools.com), which sells science kits and individual items.**

