

Life Foundations Biology Syllabus

Access the course here free - [link](#)

About Your Instructor

Hi, I'm Bryce Bovee. I'm a full-time public school science teacher, husband, and dad of three little ones. I was homeschooled growing up, so I know how challenging it can be to find high-quality, Christ-centered curricula that are both affordable and engaging. That's why I created Life Foundations Academy.

I built this Biology course to provide your student with an academically rigorous yet creation-focused view on the world around us. I firmly believe that there is a beautiful, intelligent Creator, and that the evidence of His work is clearly visible. I pray to both ignite a love for science and equip your child to have logical conversations about the validity of the creation viewpoint in a secular world.



Course Overview and How to Succeed

This course includes two 16-week semesters of high school Biology content and is designed to prepare students for both high school credit and the CLEP Biology exam. Each week contains everything your student needs to learn, review, and check their understanding.

Weekly Lessons

Each week includes 3 to 5 lessons that walk through a major concept in biology. This is the most important part of the course. Every lesson is built to be simple, clear, and useful for both students and homeschool educators. Here is how each lesson works and how to get the most out of it:

- **Lesson Summary:** When you open a lesson, the first thing you will see is a short paragraph or two that introduces the topic.
- **Video Lesson:** Next, you will watch a short teaching video. I walk through the topic just like I would in a real classroom. Treat this video like a real in-person lesson. Sit down with a notebook. Pause, rewind, and take notes. The more effort you put in here, the more you will remember.

- **Downloadable Slide:** Right below the video, you will find the slides I used in the lesson. These are available to view online or download. Homeschool parents and co-op teachers are welcome to download these slides and use them to teach. You can print them, write on them, or review them with your students. They are there to serve you.
 - **Check for Understanding:** At the end of each lesson, you will find a short five question quiz. This is not for a grade. It is here to help you measure how well you understood the material. Read the answer explanations closely, especially if you get a question wrong. They are written to reinforce the key ideas and help things click.
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Interactive Study Tools

After completing the week's lessons:

- Play the Gimkit review game to reinforce what you learned in a fun and engaging way.
 - Check out the linked articles and videos to explore the content further and help fill in any gaps.
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AI Tutors

This course includes **two** built-in AI tutors.

AI Review:

- Systematically goes through each week of material and helps students review what they learned.
- Useful for reviewing for a weekly quiz or studying the material again to prepare to pass the CLEP exam.

AI Tutor:

- The tutor is available for students to ask anything related to the concepts they are learning. It will act as a personal tutor and provide straightforward answers.

Lab Options

Virtual Labs

Most weeks include a virtual lab using PHET simulations. These are free, interactive, and tied directly to the lesson material.

Microscope and Slides (Optional)

If you want to enhance the course with hands-on learning, consider purchasing a microscope and a set of prepared slides. These are not required but will give your student a deeper experience.

- [Microscope Recommendation](#)
 - [Recommended Slide Set](#)
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Weekly Quiz

At the end of each week, students will take a ten-question quiz to assess their understanding of that week's content.

- Quizzes are auto-graded and can only be taken once.
- Students should take the quiz only after they feel confident in the material.
- **Use the Google Sheets quiz tracker [linked here](#) to track scores and progress throughout the semester.**

Recommended Pacing

Below is a sample pacing guide. Students can review the material at any pace they would like but below is what I have heard has worked for people so far...

Monday	Tuesday	Wednesday	Thursday	Friday
Lesson 1	Lesson 2	Lesson 3	Review Materials/Lab	AI Tutor Review/Take Quiz

A-G Requirement (High School Credit)

This course fulfills one semester of high school biology with lab. It meets the A-G requirement used by many charter schools, ISPs, and homeschool programs.

If you are part of a program, contact your school directly to confirm that this course satisfies the credit requirement.

Second-semester Biology is already available, and students enrolled in this course automatically have access to it.

CLEP Credit Option

This course also prepares students for the CLEP Biology exam through College Board.

To learn more or register, visit:

<https://clep.collegeboard.org/clep-exams/biology>

If a student passes the CLEP exam:

- They may earn six units of college credit
 - They will likely bypass the general education science requirement for most bachelor's degrees
 - CLEP is accepted at around seventy percent of colleges and universities
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Recommended Materials

To get the most out of this course, we recommend:

- A Google account
 - A notebook and flashcards for note-taking
 - A computer or phone with internet access
 - (Optional) A microscope and prepared slides
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This course is completely free, but it was not free to create.

I built this in the margins of my life—weekends, summer breaks, and late nights—while teaching full time and raising three young kids. I believe Christian families deserve access to strong, biblically grounded education that is actually affordable.

If this course has helped your family and you want to see more like it, please consider supporting the mission. Donations help fund new courses, bring in qualified Christian teachers, and allow this to remain completely free for families across the country.

Thank you for being part of what God is doing through this work.

-Bryce

Support the mission - [click here](#)

