



BIOLA  
UNIVERSITY



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# Global Youth Scholars Program

Experience high quality education with Biola. A top-ranked US university and earn \*transferable college credits

*\*Completion of the courses and receipt of Biola credit does not impact or guarantee a student's admission to Biola, and if the student does not enroll at Biola for matriculation, transferability of credits to another college or university is not guaranteed. As such, students and their families are encouraged to research transferability to other universities if so desired.*



# Message from the President of Biola University

Dear Parents and Students,

Welcome to the community of Biola University!

As a leader in academic quality and innovation, Biola University is consistently ranked among the top Christian universities in the United States, and was tied with Harvard, Cornell and MIT on “Best Undergraduate Teaching” list by the *U.S. News & World Report*. Biola’s eight schools offer more than 200 academic programs, enrolling nearly 5,000 students at our California campus, online and in distance programs throughout the world. Since 1908, Biola has equipped truth-seekers with academic excellence and character building, preparing students to thrive professionally and personally.

Through this Global Youth Scholars program, I invite you to experience what makes Biola’s academic experience distinct — while getting an early start in earning college credits and completing high school course requirements simultaneously!

Barry H. Corey  
PRESIDENT, BIOLA UNIVERSITY



## About Biola University

Founded in 1908, Biola University is a leading Christian university in the United States. It is ranked on *U.S. News and World Report*’s selective list of universities with “Best Undergraduate Teaching” and “Top Universities for International Students.”

The Global Youth Scholars Program is designed for 9th–12th grade students to earn college and high school credits simultaneously. The courses are designed to give students the opportunity for an early start in their readiness for post-secondary education. As many students in the USA take advantage of dual credit offerings, Biola University offers this opportunity for international students to set themselves up for a smooth transition from high school to university.



# Data Analysis and Presentation

## COURSE DESCRIPTION

This course is intended for anyone interested in learning to develop their intuition for problem-solving using formal and informal techniques. Involves the use of GNU Octave, Excel, and other computer tools for data analysis.

Engineering 124 is a two-week course from Biola University's School of Science, Technology and Health taught by a professional statistician and data analyst. You'll learn to use GNU Octave, Excel and other industry-tested tools to analyze data to discover useful information, draw conclusions and support your decision-making — a foundational skill needed for a future career in engineering.

## COURSE DATES AND TIMES

**Date:** June 24 - July 5, 2025

**Days:** Tuesday - Friday

**Time:** 8 - 10.30 PM (GMT+7)

**College credits:** 1

**Cost:**

- **Early Bird Price (until May 31):**
  - YPPH Students: IDR16,500,000
  - Non-YPPH Students: IDR17,500,000
- **Regular Price (June 1 - 16):** IDR19,900,000



### **Dr. Jason Wilson**

*Director, Quantitative Consulting Center  
Professor of Mathematics*

Dr. Wilson is a generalist statistician and, therefore, interested in the analysis of data or use of statistical thinking from any area — particularly those with the potential of strategic kingdom impact or service. In Fall 2019, he was able to realize one of his dreams of starting Biola's Quantitative Consulting Center - a statistical consulting service for both Biola as well as local Business, Industry, and Government. Clients for the first year included Lawrence Livermore National Lab, Christian Educators Association, Convene, and Biola faculty. His primary long-term project involves research using a patented technique for evaluating the quality of an individual baseball pitch, QOP. The completeness of the fossil record, the real level of DNA similarity between humans and chimps, and debunking the Bible Code are some of the subjects under development for his Statistical Apologetics book project. Giving students a vision of how the natural laws of the world described by mathematics reflect the nature of God (Romans 1:20), and how that nature empowers them to live for Him (2 Peter 1:4) is a theme of Dr. Wilson's courses.