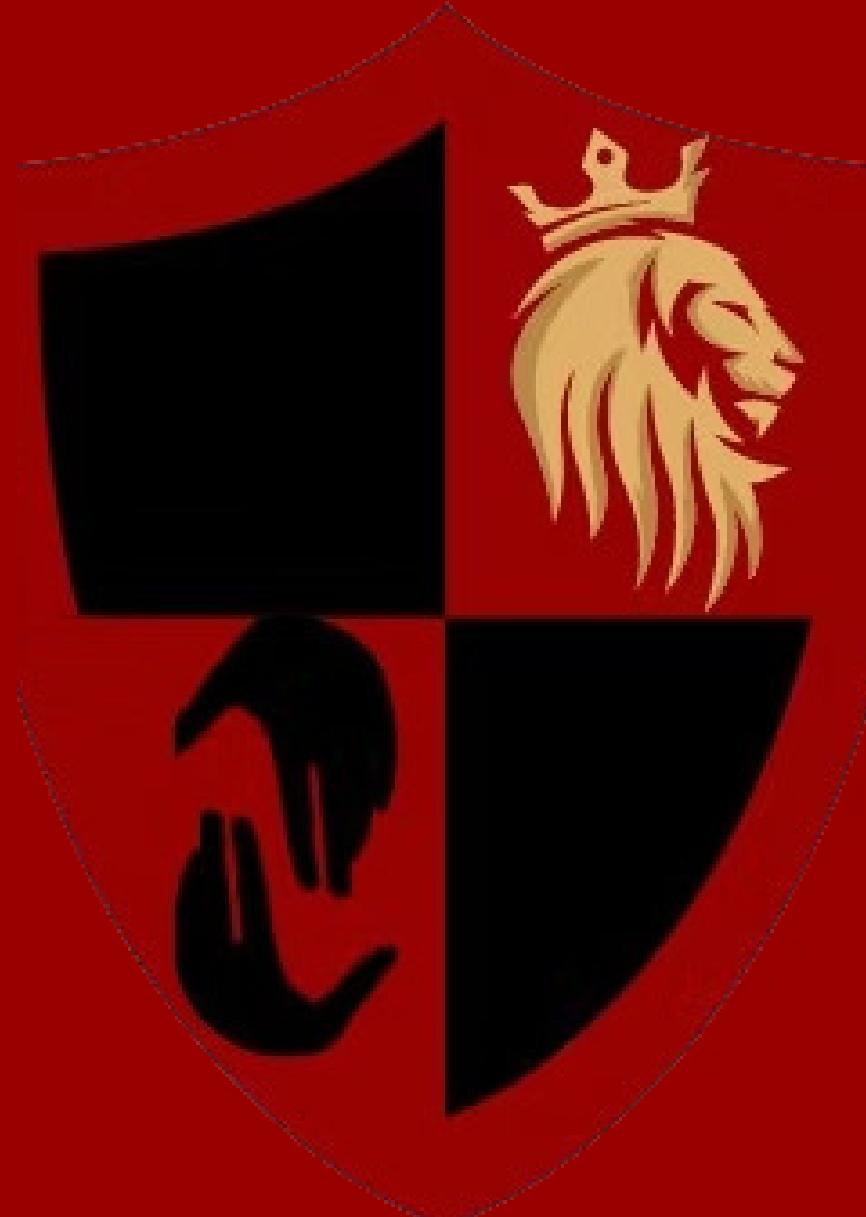


Bachelor of Science in Faith-Infused Life Sciences

A comprehensive four-year program at Ebed-Melech University that integrates faith principles with rigorous life sciences education, preparing students for careers in healthcare, biotechnology, research, and beyond.





Program at a Glance

120 Credit Hours

Comprehensive curriculum covering life sciences and faith integration

100% Online

Flexible learning designed for your schedule

4 & 8 Week Classes

Accelerated format to complete your degree faster

3-4 Years

Complete your bachelor's degree on your timeline

Foundation Year: Building Your Scientific Base

Semester 1

- ENG 101 – English Composition I (3 credits)
- MAT 103 – College Algebra (3 credits)
- BIO 101 – Introduction to Biology (3 credits)
- REL 101 – Introduction to World Religions (3 credits)
- Elective Course (3 credits)

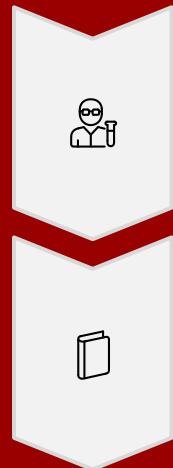
Semester 2

- ENG 102 – English Composition II (3 credits)
- MAT 104 – Statistics for Pre-Medical Studies (3 credits)
- BIO 102 – Human Anatomy and Physiology I (3 credits)
- CHM 101 – Introduction to Chemistry (3 credits)
- Elective Course (3 credits)

Your first year establishes essential scientific knowledge while introducing faith perspectives, creating a strong foundation for advanced study in life sciences.



Advancing Your Knowledge



Semester 3

Microbiology, Organic Chemistry I, Physics I, Biblical Perspectives on Health, and electives deepen your scientific expertise

Semester 4

Instructional Design, Learning Theories, Cultural Anthropology, and Faith Integration in Education broaden your perspective



Semester 3: Scientific Depth

BIO 202 – Microbiology

Explore the microscopic world of bacteria, viruses, and other microorganisms (3 credits)

CHM 201 – Organic Chemistry I

Study carbon-based compounds essential to life sciences (3 credits)

PHY 101 – Physics I

Understand physical principles underlying biological systems (3 credits)

REL 205 – Biblical Perspectives on Health

Integrate faith with healthcare and wellness concepts (3 credits)



Specialized Learning: Semesters 5 & 6

Semester 5

- EDU 305 – Special Education (3 credits)
- PSY 310 – Motivation and Classroom Management (3 credits)
- SOC 301 – Social Issues in Education (3 credits)
- REL 315 – Philosophy of Christian Education II (3 credits)
- Elective Courses (3 credits)

Semester 6

- EDU 302 – Assessment and Evaluation in Education (3 credits)
- PSY 340 – Psychology of Teaching and Learning (3 credits)
- SOC 304 – Sociology of Youth and Education (3 credits)
- REL 345 – Theology of Teaching (3 credits)
- Elective Courses (3 credits)



Advanced Studies: Semester 7



Classroom Diversity and Inclusion

EDU 401 explores creating inclusive learning environments that honor all students (3 credits)



Advanced Educational Psychology

PSY 403 examines complex psychological principles in educational contexts (3 credits)



Global Perspectives in Education

SOC 401 provides international viewpoints on educational systems (3 credits)



Ethics in Education

REL 401 addresses moral and ethical dimensions of teaching (3 credits)

Capstone Experience: Semester 8

01

Internship or Research Project

INT 489 provides hands-on experience applying your knowledge in real-world settings (3 credits)

02

Capstone Project

CAP 469 is your culminating achievement, demonstrating mastery of faith-infused life sciences (6 credits)

03

Elective Courses

Complete your degree with specialized courses aligned with your career goals (6 credits)





Your Career Pathways



Healthcare

Pursue careers in medical fields, patient care, and health administration



Biotechnology

Work in cutting-edge research and development of biological technologies



Research

Contribute to scientific discovery in academic or industry laboratories



Education

Teach and inspire the next generation of scientists



For Such a Time as This

"And who knows but that you have come to your royal position for such a time as this?"

Esther 4:14

Your calling in life sciences is purposeful. At Ebed-Melech University, we prepare you to make a meaningful impact in healthcare, research, and beyond—integrating faith with scientific excellence to serve your community and the world.