STEM Pathway
Medical Biotechnology Certificate

The certificate in Medical Biotechnology (MB) provides students with knowledge of applied molecular biology techniques, with practical training in cutting-edge laboratory procedures desired by biotechnology and laboratory industries. It also allows students to commit to experimental biomedical research early in their college career.

Fall

Course	Credits
Choose one of the following : CHEM 1215+1215L: General Chemistry for STEM Majors + Lab OR CHEM 1120C: Introduction to Chemistry for Non-Majors	4
Choose one of the following : BIOL 2101+2103: Molecules to Cells + Intro Biology Lab OR BIOL 1140+1140L: Biology for Health Sciences + Lab	4

Spring

Course	Credits
BIOL 2305: Microbiology for Health Sciences, Lecture and Lab	4

Fall

Course	Credits
BIOL 2710: Biotechnology Lab Techniques I	4

Spring

Course	Credits
BIOL 2715: Biotechnology Lab Techniques II	4

Total Program Credit Hours = 20

Meet with your Academic Success Coach

Apply for FAFSA by October 1st

Meet with Financial Aid Apply for scholarships

Meet with your Faculty Mentor

Apply for graduation and/ or transfer

Career and Educational Advancement Opportunities

Completion of this certificate makes students competitive candidates for laboratory technician and research technologist positions offered by numerous biomedical laboratories located in New Mexico, such as UNM Health Sciences Labs, Sandia Labs, Lovelace Biomedical or Tricore.

Medical Biotechnology Certificate



Biological Technicians
$34K-$56K



Research Technologists
$30K-$64K

*New Mexico data taken from O*Net Online United States Department of Labor database. Wages reflect annual income and are rounded to the nearest thousand dollars. income and are rounded to the nearest thousand dollars.*

For questions or to schedule a time to meet with an Advisor/Academic Success Coach about this program contact: Advisement at 505.925-8907. Map Current as of the 2026-2027 Academic Year.