



Associate of Applied Science LABORATORY BIOTECHNOLOGY

The Laboratory Biotechnology program is designed to train you as a laboratory technician with industrial, medical, or research laboratories. The program provides a practical background and experience with the techniques and instruments used for the isolation and analysis of biomedical and biotechnological samples.

Students in this program may participate in internships with the National Center for Genome Research (NCGR) in Santa Fe or in similar summer institutes at universities throughout the nation.

GENERAL EDUCATION (21 CRS)

Communications (6)

- ENG 111 English Composition I (3)
- ENG 116 Technical Writing (3)

Math/Computers/Lab Sciences (6)

- MATH 145 Introduction to Probability and Statistics (3)
- MATH 150 College Algebra (3)

Social/Behavioral Sciences (3)

- Elective (3)

Humanities (6)

- PHIL 110 Introduction to Philosophical Problems (3)
- PHIL 220 Ethics (3)

Health, Physical Education & Recreation (1 cr)

- Electives (1)

PROGRAM REQUIREMENTS (43 CRS)

- BIOL 201/L Principles of Molecular and Cell Biology with lab (4)
- BIOL 202/L Principles of Genetics with lab (4)
- BIOL 160/L Biotechnology Seminar I (4)
- BIOL 210/L Microbiology with lab (4)
- BIOL 260/L Biotechnology Seminar II with lab (4)
- BIOL 290 Undergraduate Research Experience I (3)
- BIOL 292 Undergraduate Research Experience II (3)
- CHEM 121/L General Chemistry I with lab (4)
- CHEM 122/L General Chemistry II with lab (4)
- CHEM 210/L Integrated Organic & Biochemistry (4)
- ES 134 OSHA Health/Safety (3)
- HSCI 125 Medical Terminology (2)

TOTAL CREDITS 65