Biotechnology uses cells, DNA, and/or proteins to solve problems and make life better. It develops medicines and vaccines, renewable biofuels, biodegradable plastics, and makes food more nutritious.

SCC is the only college in Nebraska offering this unique program, giving you the skills to put you ahead of your peers in academics and industry. We will help you complete credentials to prepare you for an advanced career in academic, government, and industry laboratories or an advanced degree at a four-year college in many STEM fields.

If you love science, have an inquisitive mind and a desire to solve biological problems, SCC’s Biotechnology program is perfect for you!

**SCC is the Right Choice**

Students become proficient in

- Laboratory safety
- Documentation
- Solution preparation
- Micropipetting
- DNA manipulation and analysis
- Cell culture techniques
- Genomics and bioinformatics
- Biomanufacturing of proteins
- Enzyme and antibody assays
- Critical thinking and problem solving
- Communication
- Teamwork
- Project management
- FDA/USDA regulations
- Critical thinking and problem solving
- Communication
- Teamwork
- Project management
- FDA/USDA regulations

More about the program

- Students are immersed in the scientific process, hands-on lab skills and unique research experiences.
- Students also participate in a unique practicum experience at a local biotechnology company to directly apply their skills in a real-world business environment as a productive team member. Many obtain employment at their practicum site upon completion.
- Students who want to transfer to a four-year institution will benefit with the transferability of general education courses as well as biotechnology science courses transferring as a core science class/science elective.

Credit hours required for graduation:

**Biotechnology**

- Associate of Science..................60
- Certificate..................................15
- Diploma.....................................32

For more information contact:

Misty Wehling, Co-director - Beatrice
402-328-8240
mwehling@southeast.edu

Tracy Niday, Co-director - Lincoln
402-437-2341
tniday@southeast.edu

or the Admissions Office at
402-437-2600
admissions@southeast.edu

2021-2022 estimated expenses to graduate with an award of 60 credit hours.

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