



# Biotechnology

## Find a place for yourself in the field of Biotechnology.

Learn how to prepare materials, conduct experiments, record data, and assist with the development/presentation of reports. Exit occupations may include, but are not limited to:

- Lab Assistant
- Molecular Biology Technician
- Development/Research Technician
- Microbiology Technician
- Tissue Culture Technician
- Fermentation Technician
- Quality Control Technician
- Manufacturing Technician
- Data Analyst

You can work toward an associate degree with the help of a \$3,000 Tech Prep Scholarship and earn college credit in high school toward your degree in Biotechnology.

**Students can take any Advanced Placement or Honors classes while taking this Tech Prep program!**

## Sample High School Schedule

### Grade 9

<b>ENGLISH</b>	English
<b>MATH</b>	Algebra or Geometry
<b>SCIENCE</b>	Integrated/Physical Science
<b>SS</b>	World History
<b>PE/HEALTH</b>	PE (sem)/Health (sem)
<b>ELECTIVE</b>	Art I/ Persuasive Arts/ Foreign Language or Choice

### Grade 10

<b>ENGLISH</b>	English
<b>MATH</b>	Geometry or Algebra II
<b>SCIENCE</b>	Biology
<b>SS</b>	American History
<b>PE/HEALTH</b>	PE (sem)/Health (sem)
<b>ELECTIVE</b>	Word Processing/ Foreign Language or Choice



### Grade 11

<b>ENGLISH</b>	English
<b>MATH</b>	Algebra II, Pre-Calculus or Trigonometry
<b>SCIENCE</b>	Chemistry/Physics
<b>SS</b>	Social Studies Elective
<b>PATHWAY</b>	Biotechnology Tech Prep— <i>Introduction to Biotechnology and Introduction to Bioethics</i>
<b>ELECTIVE</b>	Choice

### Grade 12

<b>ENGLISH</b>	English
<b>MATH</b>	Advanced Algebra/ Trigonometry, Pre-Calculus or Calculus
<b>SCIENCE</b>	Human Biology, Physics I, II or Chemistry
<b>SS</b>	U.S. Government and/or Social Studies Elective
<b>PATHWAY</b>	Biotechnology Tech Prep— <i>Basic Laboratory Methods for Biotechnology, Laboratory Safety in Biotechnology and Human Biology</i>
<b>ELECTIVE</b>	Choice



The Kuder Career Planning System offers a comprehensive solution for career planners at all stages of career development. Go to <http://oh.kuder.com> and take the online career interest and skills survey to find a career that's right for you! Contact your high school counselor for more details.