

INSTRUCTOR: BRIAN PENDERGRASS pendergb@hsd.k12.or.us

For students interested in:

- Science & lab research
- Cutting edge scientific & medical discoveries
- Hands-on activities & labs

SEQUENCE OF COURSES

Please refer to HSD course catalog for more information

Related courses:
Human Anatomy &
Physiology
Intro to Veterinary Science
IB DP Sports, Exercise &
Health Science SL 1

Capstone course:

Advanced Bioscience
Technologies

1 credit
12th grade
Dual credit possible
Senior project included

Graduation

Required Courses

1. Intro to Bioscience
Technologies
1 credit
9-10th grade

2. Biomanufacturing
And/Or

3. Medical Lab Tech
1 credit each
10-12th grade
Dual credit possible

PATHWAY TEACHES STUDENTS TO:

- Follow lab safety protocols
- Use protective gear
- Work in a clean room
- Store and dispose of chemical and biohazardous waste
- Conduct essential bioscience lab experiments
- Perform medical research
- Find a job successfully

CAREER POSSIBILITIES & SALARY RANGES

•	Medical Lab Technician	\$48,152 - \$111,717
•	Clinical Lab Technician	\$48,152 - \$111,717
•	Medical Lab Technologist	\$48,152 - \$111,717
•	Clinical Lab Technologist	\$48,152 - \$111,717
•	Bioscience Technician	\$41,122- \$82,451
•	Bioscience Technologist	\$41,662 - \$93,912
•	Microbiologist	\$52,021 - \$107,349

*Salary ranges shown are from the 10th to 90th percentile

SOME LOCAL COLLEGES & MAJORS

- **PCC** Associate of Applied Science: Bioscience Technology
- **UO** Bachelors of Science: Biology or Biochemistry
- **PSU** Bachelors of Science: Biochemistry, Biomedical Physics or Biology
- **OSU** Bachelors of Science: Biochemistry, Biophysics, Molecular Biology, Bioengineering, BioHealth Sciences, Biology or Bioresource Research

POTENTIAL LOCAL EMPLOYERS

- Kaiser Permanente
- Tuality Healthcare

OHSU

- Genentech
- Acumed
- Twist Bioscience

CLUBS & PROFESSIONAL ORGANIZATIONS

• HOSA- Future Health Professionals

To learn more about career and college opportunities, make an appointment with your counselor 503-844-1988