



Bay Region

Meta Major SCIENCE AND MATH

>>> For more information on this resource, contact postsecondarypathways@WestEd.org

High Impact Skills

COMMON SKILLS

Research
Communication
Management
Operations
Presentations
Leadership
Detail Oriented

Written
Communication
Interpersonal
Communication
Innovation

HARD SKILLS

Biology
Clinical Trials
Pharmaceuticals
Clinical Records
Biochemical Assays
Biotechnology
Oncology
Molecular Biology
Biochemistry
Good Clinical Practices (GCP)



Education Pathways



- AVG. UNITS REQUIRED +

Certificate (6-18 Units)

- Biomanufacturing Production
- Biotechnology Assistant
- Biotechnology Technician
- Computational Biology
- Industrial Biotechnology

Associate Degree/Associate Degree for Transfer* (60 Units)

- Astronomy
- Biology*
- Chemistry*
- Environmental Science*
- Geology*
- Industrial
- Biotechnology
- Mathematics*
- Physical Science*
- Physics*

Bachelor Degree (120+Units)

- Astronomy
- Astrophysics
- Bioscience
- Biomedical Science
- Biotechnology
- Chemistry & Biochemistry
- Earth Sciences & Geology
- Ecology & Environmental Science
- Geophysics
- Mathematics
- Neuroscience
- Physics
- Statistics



Top Occupations



- AVG. STARTING ANNUAL SALARY +

Middle Skills Jobs

- Medical Equipment Repairer \$36,000

Associate Degree Jobs

- Medical and Clinical Laboratory Technician \$38,000
- Science Technician \$32,000

Bachelor Degree & Beyond Jobs

- Natural Scientist Manager \$100,000
- Hydrologist \$75,000
- Medical Scientist \$70,000
- Statistician \$70,000
- Astronomer \$69,000
- Environmental or Biological Scientist \$61,000
- Science or Math Secondary Teacher \$50,000