



South Central Coast

Meta Major SCIENCE AND MATH

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

High Impact Skills

COMMON SKILLS

Communications
Management
Research
Leadership
Operations
Presentations
Innovation

Detail Oriented
Problem Solving
Interpersonal Communication
Data Analysis

HARD SKILLS

Biology
Clinical Trials
Pharmaceuticals
Biotechnology
Clinical Laboratory Science
Quality Control

Clinical Research
Oncology
Medical Laboratory
Chemistry
Pre-Clinical Development



Education Pathways



- AVG. UNITS REQUIRED +

Certificate (6–18 Units)

- Biological Sciences
- Biomedical Device Manufacturing
- Biotechnology
- Biotechnology Manufacturing Operator
- Environmental Health & Safety
- Marine Science
- Natural History
- Pre-Allied Health

Associate Degree/ Associate Degree for Transfer*/UCTP+

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

Bachelor Degree (120+Units)

- Applied Physics
- Biological Science
- Biology
- Chemistry
- Mathematics
- Microbiology
- Physics
- Statistics & Data Science



Top Occupations



- AVG. STARTING ANNUAL SALARY +

Middle Skills Jobs

- Medical Equipment Repairer \$31,000

Associate Degree Jobs

- Science Technician \$32,000
- Medical and Clinical Laboratory Technician \$31,000

Bachelor Degree & Beyond Jobs

- Astronomer \$84,000
- Natural Scientist Manager \$74,000
- Hydrologist \$68,000
- Medical Scientist \$66,000
- Statistician \$50,000
- Science or Math Secondary Teacher \$50,000
- Environmental or Biological Scientist \$45,000
- Biological Technician \$31,000