



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