STEM Career Fields

- **Agriculture**
  - Food Science
  - Agriculture Science
  - Agriculture Operations
  - Agriculture Engineering

- **Engineering**
  - General Engineering
  - Aerospace Engineering
  - Biological Engineering
  - Biomedical Engineering
  - Architectural Engineering
  - Chemical Engineering
  - Civil Engineering
  - Computer Engineering
  - Electrical Engineering
  - Engineering Mechanics Physics and Science
  - Environmental Engineering
  - Geological and Geophysical Engineering
  - Industrial and Manufacturing Engineering
  - Materials Engineering and Material Science
  - Mechanical Engineering
  - Metallurgical Engineering
  - Mining and Mineral Engineering
  - Naval Architecture and Marine Engineering
  - Nuclear Engineering
  - Petroleum Engineering
  - Miscellaneous Engineering
  - Engineering Technologies
  - Engineering And Industrial Management
  - Electrical Engineering related Technologies
  - Miscellaneous Engineering Technologies
  - Military Technologies

- **Computer**
  - Computer Science
  - Computer and Information Systems
  - Computer Administration Management and Security
  - Computer Networking and Telecommunications
  - Computer Programming
- Computer Repair and Networking Support
- Computer Networking System Technician
- Database Processing
- Information Sciences
- Software Development
- Web Design
- Web Development

- **Biological Sciences**
  - Biological Engineering

- **Biomedical Sciences**
  - Biomedical Engineering
  - Biomedical Service Technician: Clinical Engineering
  - Biotechnology Lab Technician

- **Physical and Life Sciences**
  - Animal Sciences
  - Food Sciences
  - Plant Sciences and Agronomy
  - Soil Science
  - Environmental Science
  - Biology
  - Biochemical Sciences
  - Botany
  - Molecular Biology
  - Ecology
  - Genetics
  - Microbiology
  - Pharmacology
  - Physiology
  - Zoology
  - Miscellaneous Biology
  - Nutrition Sciences
  - Neuroscience
  - Cognitive Science and Biopsychology
  - Physical Sciences
  - Astronomy and Astrophysics
  - Atmospheric Sciences and Meteorology
  - Chemistry
  - Geology
  - Earth Sciences
  - Geosciences
• Oceanography
• Physics
  o Nuclear, Industrial Radiology, and Biological Technologies
• Mathematics
  o Mathematics
  o Applied Mathematics
  o Statistics and Decision Science
  o Economics

**STEM Career Programs Bates Technical College Offers:**

• Biomedical Service Technician: Clinical Engineering
• Biotechnology Lab Technician
• Civil Engineering
• Mechanical Engineering
• Fire Protection Engineering Technology
• Facilities Maintenance Engineering
• Electronics Engineering Technician
• Electrical Engineering Technician
• Web Design/Development
• Software Development
• Database Technology
• Information Technology Specialist
• Computer Networking System Technician
• Computer Repair and Network Support