Biomedical Engineering

Areas
- Bioinformatics
- Bioinstrumentation
- Biomanufacturing
- Biomaterials & Medical Implants
- Biomechanics/ Injury Mechanics
- Biomedical Devices
- Bionanotechnology
- Biosensing
- Biotransport Phenomena
- Computational Bioengineering
- Drug Development
- Immunobiology
- Medical Imaging
- Neural Engineering
- Pharmaceutical Engineering
- Physiological Modeling
- Stem Cell Engineering
- Tissue Engineering

Employers
- Academic medical centers
- Biotechnology companies
- Biotech start-up companies
- Clinics
- Consulting Agencies
- Electromedical and controls instrument manufacturers
- Federal and state agencies (CDC, FDA, NIH, NSF, HHS, etc.)
- Health finance organizations
- Health organizations
- Hospitals
- Independent laboratories
- Insurance companies
- Medical device companies
- Medical equipment and supplies companies
- Pharmaceutical companies
- Scientific research institutes
- Software companies
- United States Department of Veterans Affairs
- Universities

Careers – B.S. Degree
- (Data) Analyst
- Bioinformatics Specialist
- Biomedical Entrepreneur
- Biomedical Equipment Technician
- Biostatistician
- Clinical Engineer
- Clinical Researcher/ Coordinator
- Consultant
- Design Engineer
- Development / Planning Engineer
- Field Project Manager/ Engineer
- Global Process Engineer
- Manufacturing Engineering
- Material Engineer/ Scientist
- Medical Device Developer/ Engineer
- Patent Classifier/ Patent Examiner
- Product Development Engineer
- Product Engineer
- Project Manager
- Quality Assurance Manager
- Quality Engineer
- Quality Control Inspector
- R & D Engineer
- Regulatory Affairs Specialist
- Rehabilitation Engineer
- Research Engineer/ Scientist
- Sales Engineer/ Representative
- Service Engineer
- Software Engineer
- Strategy Manager
- Systems Engineer
- Technical Writer/ Editor
- Test Engineer
- Tissue Engineer
- Validation Engineer

Careers – B.A. Degree
- (Data) Analyst
- Bioinformatics Specialist
- Biomedical Entrepreneur
- Biomedical Equipment Technician
- Biomedical Marketing
- Biostatistician
- Clinical Researcher/ Coordinator
- Clinical Specialist
- Commercialization Analyst
- Consultant
- Laboratory Technician
- Manufacturing Technician
- Patent Classifier/ Patent Examiner
- Project Manager
- Quality Assurance Manager
- Quality Control Inspector
- Quality Control Manager
- R & D Scientist
- Regulatory Affairs Specialist
- Research Scientist
- Sales Representative
- Service Technician
- Strategy Manager
- Technical Support
- Technical Writer/ Editor
- Tissue Engineer