

Biomedical Engineering

Areas

Bioinformatics
Bioinstrumentation
Biomanufacturing
Biomaterials & Medical Implants
Biomechanics/ Injury Mechanics
Biomedical Devices
Bionanotechnology
Biosensing
Biotransport Phenomena
Computational Bioengineering
Drug Delivery
Drug Development
Immunoengineering
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 Engineering
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