

Biotechnology, Biomedical, & Nanotechnology

Career Tree

June 2007

Advanced Degree

(6 - 8 years)

\$35,000 - 240,000 per year

Agricultural Scientists (p. 12)
 Animal Scientists
 Biochemists
 Bioinformatics Analysts/Programmers
 Bioinformatics Scientists/Engineers
 Biologists (p. 41)
 Biostatisticians
 Business Development Research Analysts
 Chemical Engineers (p. 41)
 Chemists (p. 41)
 Clinical Data Managers

Clinical Research Managers
 Directors of Project Management
 Directors of Quality
 Directors of Regulatory Affairs
 Environmental Scientists (p. 42)
 Food Scientists (p. 13)
 Hematologists
 Marine Biologists
 Medical Directors
 Medical Scientists (p. 42)
 Microbiologists

Pharmacologists
 Physicists (p. 42)
 Quality Control/Assurance Managers
 Senior Regulation Specialists
 Toxicologists
 Validation Managers
 Veterinarians* (p. 28)
 Vice Presidents of Business Development
 Vice Presidents of Marketing
 Zoologists (p. 13)

Bachelor's Degree

(4 years)

\$25,000 - 150,000 per year

Administrators
 Biological Technologists
 Biomedical Engineers (p. 41)
 Clinical Research Associates
 Computer Scientists
 Documentation Senior Associate Assistants
 Electrical Engineers (p. 42)
 Environmental Engineers (p. 42)
 Facility Managers

Geneticists
 Managers of Regulatory Affairs
 Marketing Researchers
 Medical/Technical Writers (p. 17)
 Molecular Biologists
 Natural Sciences Managers*
 Purchasing Agents/Buyers
 Product Marketing Managers
 Project Managers

Quality Assurance Documentation Specialists
 Quality Control Analysts
 Quality Control/Assurance Supervisors
 Regulatory Affairs Analysts and Specialists
 Research Associates
 Safety Engineers
 Software Engineers*
 Validation Specialists

Associate's Degree

(2 years)

\$21,000 - 64,000 per year

Agricultural Food & Science Technicians
 Animal Technologists/Technicians
 Aseptic Fill Technicians
 Biotechnology Laboratory Specialists/Science Technicians*
 Chemical Technicians
 Clinical Data Associates

Documentation Associate Assistants
 Environmental Engineering Technicians
 Facilities Technicians
 Laboratory Assistants
 Manufacturing Instrumentation/Calibration Technicians
 Manufacturing Technicians

Medical Device/Biomedical Repairers
 Process Technicians
 Quality Assurance Documentation Coordinators/Associates
 Quality Control Technicians
 Veterinary Technologists & Technicians* (p. 28)

Short-Term or On-the-Job Training

(2 -12 months)

\$18,000 - \$40,000 per year

Glasswashers/Technicians
 Material Handlers
 Medical Equipment Preparers
 Shippers/Receivers*

Foundations for Success

Math

English

Science

Page numbers listed after job titles correspond with "Where are you going? A guide to careers and education in Washington State," by the Washington State Workforce Training and Education Coordinating Board, 2006-08. Job titles followed by asterisks (*) represent the "Demand Occupations" in Snohomish County - www.wilma.org/wdclists/wdaArea.asp?area=000004
 Job titles and salary information obtained from the following sources: America's Career InfoNet - <http://www.acinet.org/acinet/>; Massachusetts Biotechnology - www.massbio.org/directory/careers/; North Seattle Community College, Nanotechnology Program - www.northseattle.edu/nanotech/; Snohomish County Workforce Development Council, www.worksourceonline.com; Washington State Workforce Training and Education Coordinating Board - www.wtb.wa.gov/; and Workforce Development Council of Seattle-King County - www.seekingwdc.org/