

CAREER ROADMAP:

Biomedical

Description of Field:

Biomedical research is the broad area of science that involves the investigation of the biological process and causes of disease through careful experimentation, observation, laboratory work, analysis, and testing. It requires input from many individuals from the life and physical sciences, with different backgrounds, potentially including engineers, medical doctors, veterinarians, computer scientists, technicians, researchers, and others from life science fields. It takes place in academia and industry, in different forms.

General Skills:

Analytical skills, Problem solving, Statistics, Data Analysis, Project management, Organization, Communication, Teamwork

Insider Advice:

It is a mistake to market yourself only on the basis of a collection of specific techniques that you are trained in. What is most valued is someone who demonstrates good scientific problem solving abilities through application of the scientific process. Be able to describe examples of how you have done this.

Learn about Yourself & Career Options

Examples of Careers:

ONET: [Biomedical Engineer](#), [Bioinformatics Scientists](#)
What Can I Do With This Major: [Chemistry](#), [Healthcare Sciences](#), [Statistics](#), [Public Health](#), [Engineering](#)

Sample UF Majors:

[Biology](#), [Applied Physiology & Kinesiology](#), [Biochemistry and Molecular Biology](#), [Biological Engineering](#), [Mechanical Engineering](#), [Materials Science & Engineering](#)

Career Planning:

Our [Career Planning](#) staff can help you explore interesting major/career options, prepare for and start an internship/job search. Log in to view the ways we can help!

Build Experience

UF Organizations:

[Biomedical Engineering Society](#), [Florida International Society of Pharmacoepidemiology](#), [AMSA](#)

Visit [Student Activities & Involvement](#) for Additional Opportunities

Professional Organizations:

[International Society for Polymeric Materials and Polymeric Biomaterials](#), [Advanced Medical Technology Association](#), [American Association for Clinical Chemistry](#), [Medical Device Manufacturer's Association](#)

Sample Local Opportunities:

[Shands](#), [Exactech](#), [RTI](#)

Prepare for Your Next Step

Sample Job Title:

Biomedical Electronics Technician, Biomedical Engineer, Biomedical Engineering Director, Biomedical Engineering Technician, Biomedical Equipment Technician (BMET), Biomedical Manager, Biomedical Technician, Clinical Engineer, Professor, Research Engineer

Sample Employers Recruiting at UF:

[Nachman BioMedical](#), [Nano Hybrids](#), [General Electric](#), [National Space Biomedical Research Institute](#), [Cummings Scientific](#), [MedTronic](#)

Log into [Gator CareerLink](#) to search for employers hiring UF students and additional resources.

Search for Jobs and Internships:

[Gator CareerLink Jobs](#), [Allied Health Jobs](#), [Health Career Web](#), [Health Careers](#), [New Scientist Jobs](#), [BMES Job Board](#)

