

# CAREER ROADMAP:

## STEM in Healthcare

### Description of Field:

The healthcare industry is one of the fastest-growing sectors of our economy, and all signs point to this trend continuing as advancements in healthcare provide new and improved processes for diagnosing and treating illness and disease. Technological advances have led to the creation of new healthcare careers, many of which require strong STEM skills to support technology-based diagnoses and treatment or other aspects of healthcare services that benefit from specialized STEM approaches.

### General Skills:

Critical thinking, science, active listening, reading comprehension, writing, problem solving, speaking, active learning, decision making

### Insider Advice:

The technology portion of this job [hospital CIO] isn't everything. A lot of it can be organizational, political, and customer relationship management. Round out your leadership and decision making skills to bring your best to the work and make an impact.

## Learn about Yourself & Career Options

### Examples of Careers:

ONET: [Medical Records and Health IT, Computer Systems Analysts, Epidemiologist, Medical Scientists](#)

What Can I Do With This Major: [Computer Science, Engineering, Mathematics](#)

### Sample UF Majors:

[Computer Engineering, Industrial & Systems, Engineering, Nuclear Engineering, Mathematics, Statistics](#)

### 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:

[American Association for Dental Research, Florida International Society of Pharmacoepidemiology, AMSA](#)  
Visit [Student Activities & Involvement](#) for Additional Opportunities

### Professional Organizations:

[American Society for Healthcare Engineering, Association for Information Technology Professionals, Society for Industrial and Applied Mathematics](#)

### Sample Local Opportunities:

[Shands, Shadow Health, Azalea Health, Ingage Patient, Xhale](#)

## Prepare for Your Next Step

### Sample Employers Recruiting at UF:

[Benefit Focus, Epic, Philips, Johnson & Johnson, Voalte, Elanco](#)

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

### Search for Jobs and Internships:

[Gator CareerLink Jobs, AllHospitalJobs.com, Health eCAREERS](#)

