

U.A. WHITAKER COLLEGE OF ENGINEERING

BIOENGINEERING



EXPLORE. LEARN. ACHIEVE.

Bridge the gap between living and non-living materials and systems.

The bioengineering program in the U.A. Whitaker College of Engineering at Florida Gulf Coast University provides students with a best-in-class curriculum that combines engineering principles with biology and physiology from the molecular, cell and tissue level up to the human form to solve problems to help improve human health and quality of life. Graduates are well prepared for bioengineering jobs in a variety of environments (i.e., medical device industry, health care, biotechnology) and prepared for further graduate study and professional training.

FGCU students apply learning from the classroom to real-world experiences.

PROFESSIONAL OPPORTUNITIES

Our capstone project provides students with hands-on learning experience such as:

- ▶ Sensors to measure the temperature and pressure of fluid during arthroscopic surgery
- ▶ Energy-absorbing pediatric prosthetic elbow
- ▶ Optic system for suture width measurement



Opportunity is waiting for you.

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In summer 2020 I got accepted into an internship that was held in-part by the Cleveland Clinic.

The main focus was on designing personal protective equipment (PPE) for schools to transition back into in-person classes. Groups of four from different schools across the U.S. (worked) together on this. We also got presentations from various entrepreneurs and members of Cleveland Clinic.”

Adis Muhamedagic, '23



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Learn more: fgcu.edu/eng