



## ***B.Sc. Biomedical Technology***

### **FACULTY OF SCIENCE & TECHNOLOGY**

#### ***About the Programme***

The aim of the BSc Biomedical Technology is to equip students with the technical, scientific, and communication knowledge and skills for the understanding of medical instruments as well to draw on fundamental concepts in Physics and other scientific disciplines to operate, repair, maintain, and interpret the resulting signals and images of complex medical instrumentation.

Participants in this programme will be able to:

- Understand and operate the technology supporting clinical care.
- Interpret signals from biomedical instrumentation.
- Calibrate, maintain and repair biomedical instruments.
- Work in multi-disciplinary teams in diagnostics, equipment repair and maintenance, and system designs.
- Show proficiency in the design of and be able to conduct biomedical experiments.
- Analyse data, and make decisions in an integrated and holistic way as demanded by many medical systems.
- Understand the economic, social and environmental impact of solutions based on medical technologies regionally and internationally.

#### ***Graduate Profile***

Prospective employers may include government hospitals, private health care facilities, biomedical equipment service providers, contractors, and consultants, as well as biomedical equipment manufacturers. With this B.Sc. in Biomedical Technology you may gain entry into M.Sc. and research related programmes.

#### ***Admission requirements***

Applicants must have passes in CAPE Physics with a minimum of Grade II in both Units I & II, plus passes in two other CAPE Science subjects, and passes in CSEC Chemistry and Biology; OR an approved Associate Degree with a minimum GPA of 3.0.

#### ***For Further Information***

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#### ***Application Procedure***

Only paper applications will be accepted for admission in September 2013.

Visit <http://sta.uwi.edu/admissions/> for information on application fees, to download the application form and instructions on how to complete the form.

*For a full list of programmes available at the UWI St. Augustine, download a copy of our [Undergraduate Prospectus](#).*