

Bachelor of Science in BIOMEDICAL RADIATION SCIENCE*

Starting Semester 1 2021/2022

OPEN TO **ALL QUALIFIED STUDENTS**



PROGRAMME OBJECTIVES

- ≡ Be exposed to theory and practice in the safe use of radiation technology in medicine, industry and science.
- ≡ Explore specialization in procedures for medical diagnostics and treatment, quality control of radiation facilities as well as radiation safety and protection for staff and patients.
- ≡ Use acquired skills in careers such as Radiation Safety Officers in industries using radiation (e.g., bauxite production, cement manufacturing, petroleum refineries).



COURSE REQUIREMENTS

Open to Students with CAPE Chemistry, Physics and Mathematics or equivalent.

YEAR 1 Semester 1

- BAMS1010** Introduction to Anatomy and General Histology and Embryology
- DIMA1003** Introduction to Medical Imaging Modalities (year long)
- DIMA1004** Medical Law and Ethics
- FOUN1014** Critical Reading and Writing
- or
- FOUN1019** Critical Reading & Writing in the Disciplines
- PHYS1411** Mechanics
- STAT1001** Statistics for Science

YEAR 1 Semester 2

- BMNG1210** Introduction to Biomedical Engineering
- DIMA1011** Radiation Protection, Radiation Biology and Dosimetry
- PHYS2200** Practices in Medical Physics I
- PHYS1422** Modern Physics

* Programme will be supported by the International Atomic Energy Agency (IAEA), International Centre for Environmental and Nuclear Sciences (ICENS) and the Caribbean Institute for Health Research (CAIHR)

FOR MORE INFORMATION ON PROGRAMME:

- PLEASE VISIT: <https://www.mona.uwi.edu/physics>
- CALL OR WHATSAPP 876-568-3946