

THE UNIVERSITY OF THE WEST INDIES FACULTY OF SCIENCE AND TECHNOLOGY Department of Physics

# **Why Physics?**

We offer degree programmes that are constantly evolving in response to innovations from staff, new ideas in physics and student feedback.

Through project work, extra-curricular activities and an open-door policy, we offer a unique and inclusive study experience.

We will teach you not only the theoretical concepts, but how their application helps in the understanding of everyday things like cell phones, televisions, fans, pot holes, the weather, x-rays, and cars.

## **Entry Requirements**

#### **3-year Full-time**

- 5 CSEC subjects (Grades 1-3), or their equivalent (must include English Language, Mathematics and 2 laboratory science subjects) PLUS Physics and 1 other science subject at the advanced level (CAPE, both units at Grades 1-5 or their equivalent).
- CAPE Maths (both Units) or GCE A-Level Maths with CSEC or GCE O-Level Physics.

#### **4-year** Full-time

5 CSEC subjects (Grades 1-3), or their equivalent, which must include English Language, Mathematics, Physics and 1 other approved laboratory science subject.

### Bachelor of Science Degrees Offered

- Electronics
- Energy & Environmental Physics
- General Physics
- Materials Science
- Medical Physics

A FEASIBILITY STUDY PRODUCTION IN TAM

Physics with Education

# **Careers in Physics**

We provide a high quality education which equips you to become employed in a wide range of industries and prepares you for further study and research.

Physics has been said to be a foundation for all other science and this can be seen in the career options available. These careers can span many fields, from pure research at a University to the hustle and bustle of the Stock Market.

- Medical Physicist
- Systems Specialist
- Audit Engineer
- Energy Conservation Consultant > Materials Scientist
- Electronics Engineer
- Instrumentation Specialist

- Systems Developer
- Lecturer/Teacher
- Telecommunications Specialist
- Climatologist
- Researcher

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### **Department of Physics**

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