



## NATURAL SCIENCE

### **NSC101. FOUNDATIONS OF NATURAL SCIENCE I.**

A review of the underlying concepts common to all-natural science, with emphasis on the inter-relationships of natural phenomena. Principles and applications from astronomy, chemistry, earth science, and physics will be considered. Three lectures and three hours of laboratory weekly. Some lab sessions may take the form of scheduled field trips.

***4 credits***

### **NSC 102. FOUNDATIONS OF NATURAL SCIENCE II.**

This course will examine the place of living things in the environment, and the relationship between the living and non-living things. Students will use the principles of ecology to understand the role/place of humans in the ecosystem. They will incorporate these principles to conceptualize the interdependency of all the parts of the ecosystem. This course will examine our place in the ecosystem by recognizing the role of non-living factors in life. Key ecological concepts such as population growth, Darwin's Theory of Evolution, and biodiversity will be analyzed. Three lectures and three hours of laboratory weekly. Some lab sessions may take the form of scheduled field trips.

### **NSC206-207 PHYSICAL GEOLOGY I&II.**

Students are introduced to the basic principles of geology and appreciate many of the relationships between people and the environment. Common minerals and rocks are identified using their physical properties. Geologic processes that operate on the face of the Earth are described and the mechanism and effects of geologic hazards and discussed. Particular attention is paid to the geologic features of St. Maarten and the Caribbean.

NSC 206 may be taken alone. NSC 206 is a prerequisite for 207.

***3 credits each***