

## About the Department of Environmental Studies

Guyana has a rich diversity of people and natural resources that form part of our environment. Managing our natural resources for economic development that meet the needs of our diverse population today and tomorrow is the impetus driving our programmes. Our programmes therefore utilise active and collaborative learning strategies to engage and motivate our students to adopt practices and action for the environment. In this way, our students are able to experience the challenges and complexities of managing our environment for a people of diverse needs. These experiences are nurtured through critique and reflection to foster an understanding of the importance of exercising evaluative judgement in the design of practical solutions for national development.

To this end, students are exposed to learning from the natural and social sciences. From the natural sciences, students learn experimental techniques and methods of analysis needed to make accurate observations, to document change, and to understand the dynamics of healthy landscapes and functioning ecosystems. From the social sciences and humanities, students gain insights into human behaviour as it relates to the natural environment and the workings of social, political, legislative, and economic institutions in the context of environmental and natural resource management.

The Department of Environmental Studies seeks to offer programmes that are relevant and current in such a way that it makes a lasting impact on our students. We invite you to join our exciting and dynamic programme!!

## ABOUT US

The School of Earth and Environmental Sciences was approved on 22nd February, 2005 in recognition of the shared expertise, analytical techniques and complementarities that existed between the Department of Geography, School of Education and Humanities, Faculty of Natural Sciences, Faculty of Social Sciences and the Environmental Studies Unit. It was the expectation that the merger would allow students specialising in the field of sciences to benefit from a broader foundation and the rationalisation of overlapping programmes.

The School was transformed into the Faculty of Earth and Environmental Sciences on October 1, 2016.

## ENVIRONMENTAL POLICY STATEMENT

"The University shall seek to promote greater environmental awareness through its curricula; it shall endeavour to reduce any damaging environmental impacts from its institutional/community practice. The University community shall promote conduct that enhances the health and environmental safety of its inhabitants and surroundings."



## Faculty of Earth and Environmental Sciences

## DEPARTMENT OF ENVIRONMENTAL STUDIES

## Undergraduate Programmes

Faculty of Earth and Environmental Sciences  
University of Guyana  
Turkeyen Campus  
Greater Georgetown  
P.O. Box: 10-1110  
Greater, Georgetown



## Student Society

### Our Motto

"Utilising Educational Forces,  
Promoting Green Resources"



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# BSc Environmental Studies

The goal of the BSc Environmental Studies is to provide learning opportunities that will enable students to discover, generate, disseminate and apply knowledge of the highest standard, as mandated in the University of Guyana's mission. The degree is designed to be interdisciplinary in nature with a broad generalist scope that allows students to acquire a range of cognitive, generic and transferable skills. It provides the necessary academic foundation and skills training to allow the student to pursue further graduate studies in related fields of environmental studies or function competently across a variety of career pathways related to managing the environment and natural resources. This interdisciplinary curriculum will provide students with knowledge, skills and perspective from the natural sciences, social sciences and humanities.

## Programme Structure

- Offered both Full-time and Part-Time.
- Courses are delivered face-to-face, virtually or a combination of both. The programme utilises various modes of teaching, such as formal lectures, case study analysis, field workshops, class seminars, practical field exercises, group work, and lab tutoring.

## Duration of Study

The BSc in Environmental Studies is a 4-year programme consisting of 8 semesters, totalling 126 credits.

## Admissions

- Passes in five (5) subjects with Grades I or II prior to 1998 or III from 1998 at the CSEC (General Proficiency Examinations) or GCE 'O-Level' grades A - C. Subjects must include English Language, Mathematics and two (2) Science subjects one of which must be Chemistry or Integrated Science. Agricultural Science is also accepted for admission to the Programme.
- Diploma in Agriculture from the Guyana School of Agriculture.
- An Ordinary Diploma in Science (ODS) – Chemistry from the Government Technical Institute.
- A Secondary Trained Teachers Certificate or Associate Degree in Education (Pure Sciences, Agriculture Science, Social Studies) from Cyril Potter College of Education.

- A Diploma in Forestry from the University of Guyana.
- Mature applicants (a minimum of 26 years of age) who do not possess these qualifications may be considered for admission provided they have a good general education, credible work experience in the field and a passing grade at the University of Guyana's Entrance Examination. The Faculty will consider each application on its merit.
- Any other qualification equivalent to any of the above.

## Electives in Environmental Studies

Students are able to pursue courses of interest in other Faculties/Schools/Colleges. In choosing courses, students are encouraged to seek out the respective Heads of Departments or Assistant Deans for the Faculty/School/College from which the course was selected to ensure that there are no prerequisites, that it will be offered, and in which semester. The Department's approval is sought via the SRMS registration submission. Students are advised to pay careful attention to their programme profiles to ensure that they are not attempting to choose electives that are subsequent core subjects in their programmes.

# BSc Environmental Science

The BSc in Environmental Science provides students with an understanding of the science underpinning earth's environmental processes and the major environmental issues such as climate change, biodiversity loss, and air and water pollution. These students will fill an existing gap to respond effectively to the human capital needs of a green economy. Importantly, the programme is intended to provide an opportunity for students to combine skills and knowledge from a variety of subjects such as Biology, Chemistry, Mathematics, Geography and Physics, plus Geographic Information Systems and communication to explore and develop multiple perspectives to build a better understanding of natural and human environments and their interactions and make informed decisions about environmental issues and problems.

## Programme Structure

- Offered both Full-time and Part-Time.
- Courses are delivered face-to-face, virtually or a combination of both. The programme utilises various modes of teaching, such as formal lectures, case study analysis, field workshops, class seminars, practical field exercises, group work, and lab tutoring.

## Duration of Study

The BSc in Environmental Science is a 4-year programme consisting of 9 semesters, totalling 133 credits.

## Admissions

- At least 5 subjects with grades 1 and 11 prior to 1998 or 111 from 1998 at the CSEC (General Proficiency Examinations) or GCE 'O-Level' grades A-C. Subjects must include English Language, Mathematics, and two Science subjects (one of which must be Chemistry). Integrated Science is not considered as a Science subject for this programme.
- Mature applicants (a minimum of 26 years of age) who do not possess these qualifications may be considered for admission provided they have a good general education, credible work experience in the field and a passing grade at the University of Guyana's Entrance Examination. The Faculty will consider each application on its merit.
- Any other qualifications deemed acceptable by the Faculty.



**For more information on our programmes visit our website by scanning the code:**

