

About the Department of Geography

The Department of Geography provides an education that everyone deserves! The courses are taught by highly qualified and experienced lecturers. In order to complement the interactive in-class sessions for the courses under each Programme, students are afforded the opportunity to participate in a wide variety of field exercises/activities in various locations in Guyana and further afield to enhance their knowledge and skills.

These exercises/activities help to equip students with the competencies to apply various current and popular tools, techniques, and technologies, including Global Positioning Systems (GPS), Geographic Information Systems (GIS), Remote Sensing, and online mapping (Google Earth), to meet the demand for geographic expertise in the public and private sector to address today's complex political, environmental, social, economic, and other development challenges. Our programmes help students understand and appreciate how our survival depends on the effective functioning of both natural and human systems.

Staff members are devoted to providing students with a 21st-century learning environment. Technology-enhanced lectures, videos, and case studies are a few of the methods used to deliver relevant content that captivates the students' attention. This help to foster interactive, stimulating and exciting group and class discussions, stimulating debates, conference presentations, panel discussions and class seminars, creative posters and model displays, and innovative and relevant research.

Join us and discover the wide range of career opportunities that an education obtained from the Department of Geography offers you!

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."

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Faculty of Earth and Environmental Sciences

DEPARTMENT OF GEOGRAPHY

Graduate Programmes

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

MSc Urban & Regional Planning

This interdisciplinary programme of study targets graduates and professionals in the fields of Geography, Architecture, Urban and Regional Planning, Archaeology, Civil Engineering, Land Management, Land Surveying, Construction Management, Urban Design, Statistics, Economics, and other Social disciplines who are employed with government departments, semi-autonomous agencies, non-governmental organisations, disaster management and related private and public sector agencies and are desirous of upgrading their skills and capacities.

Programme Structure

- Offered both Full-time and Part-Time.
- Courses are delivered face-to-face, virtually or a combination of both.

Duration of Study

Minimum of 18 months — five (5) Semesters or a maximum of ten (10) Semesters, totalling 45 credits.

Admissions

Entry requirements are to be guided by the University of Guyana's Regulations.

- An undergraduate degree with a minimum GPA of 2.7 in a relevant area, including Geography, Social Sciences, Engineering, Architecture, Management, Economics, or any other discipline deemed relevant by the University.
- A degree with a GPA of less than 2.7 in a relevant area, including Geography, Social Sciences, Engineering, Architecture, Management, Economics, or any other discipline deemed relevant by the University and a minimum of 3 years of relevant post-qualification experience.
- A mature applicant who possesses a Certificate in a relevant discipline and five years post qualification experience.
- A Postgraduate Diploma in Urban Planning & Management with a minimum GPA of 2.4 or any other Postgraduate Diploma in an area deemed relevant by the University.
- A Postgraduate Diploma in Urban Planning & Management with a GPA of less than 2.4, with a minimum of 3 years relevant post-qualification experience.

- A Master of Science Degree in an area deemed relevant by the University.
- Any other qualification deemed by the University to be equivalent to the above.

Career Opportunities

Graduates can choose from a wide range of careers, including development planning, local government, strategic planning, policy implementation and management, research and analysis, and urban design. There are also many employers from municipalities and other government entities, and private planning firms who hire planners.

Exit Strategy

Students who are not desirous of completing the MSc programme and have completed 36 credits (excluding the Dissertation) could be awarded a Postgraduate Diploma in Urban & Regional Planning.

Course Selection

- Urban and Regional Development Policy and Standards
- GIS for Urban and Regional Planning
- Urban Development Strategy and Settlement Hierarchy
- Climate Change Impact and Adaptation Planning for Resiliency
- Master Dissertation/ Professional Report, etc

MSc Geographic Information Systems & Remote Sensing

The MSc in GIS&RS is hosted by the Department of Geography and supported by interdepartmental expertise that will provide students with a strong background in theoretical, conceptual, and vocational training in line with the expectations of the GIS/RS environment. The curriculum is focused on training students in the underlying theory and application of remote sensing (e.g., image processing), spatial analytical methods (e.g., spatial statistics), digital cartography and enterprise geographic information systems administration. By the end of the programme, students would have developed the capacity to undertake careers in the private, public, and non-profit sectors, where there is high demand for professionals with advanced technical skills in spatial data analysis. The programme will open the door to successful careers in environmental consulting firms, software companies, government research institutes and other diverse fields.

Programme Structure

- Offered both Full-time and Part-time.
- Semesterised structure with cores and electives.
- Courses are delivered hybrid, blended and/or face-to-face.

Duration of Study

- Minimum of one year and eight months (1.67 years) to a maximum of seven (7) years.

Admissions

- An undergraduate degree with a minimum GPA of 2.5 in a relevant area, including Geography, Environmental and Earth Sciences, Natural Sciences, Forestry, Agriculture, Engineering, Architecture, Social Sciences, Business, or a related field.
- An undergraduate degree with a GPA of less than 2.5 in a relevant area with a minimum of 3 years of relevant post-qualification experience.
- A Postgraduate Diploma with a minimum GPA of 2.5 in a relevant field (approved by the University and the Department of Geography).

Master in Geographic Information Systems & Remote Sensing

Admissions

- An undergraduate degree in a relevant area, including Geography, Environmental and Earth Sciences, Natural Sciences, Forestry, Agriculture, Engineering, Architecture, Management, Social Sciences, Business, or a related field.
- A Postgraduate Diploma in a relevant field (approved by the Department of Geography).
- A mature student (over 21 years old) that has been engaged in relevant practice for at least 5 years with Diplomas or Certificates (approved by the University and the Department of Geography).
- Any other qualification deemed by the University to be equivalent to the above.

Master in Housing and Community Development

Coming Soon!

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

