

Entry Requirements

Bachelor of Science in Surveying & Geographic Information Sciences (BSc. SGIS)

Five (5) CXC/GCE subjects including Mathematics, English & three others from Physics, Geography, Additional Mathematics, Technical Drawing, Elementary Surveying, Information Technology & Engineering Science (Physics is strongly recommended) and two (2) CAPE (I & II) or two (2) GCE A'level subjects from among Physics, Mathematics (Pure & Applied), Geography, Technical Drawing.

OR

Successful completion of the Division's Pre-requisite Course of Study (PCS) with minimum GPA of 2.3. Entry to the PCS requires the five CXC/GCE subjects specified above.

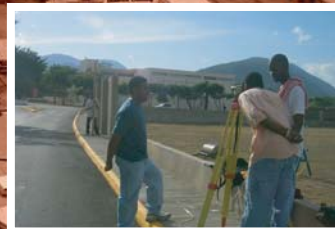
Certificate in Land Surveying (LST)

Caribbean Examination Council (CXC) General Proficiency grade I-III and/or General Certificate of Education at Ordinary level in grade A-C in English and Mathematics and one other technical subject.

Job Opportunities

- Surveying and Mapping Division of the National Land Agency
- National Environment and Planning Agency
- National Works Agency
- Professional Surveying Firms
- Geographic Information Systems Firms
- Urban Development Corporation
- Jamaica Bauxite Institute
- Bauxite Mining Companies

For further general information visit the Land Surveyors Association's website: <http://www.lsjaj.com>



University of Technology, Jamaica
Faculty of The Built Environment
School of Building & Land Management



For further information:
University of Technology, Jamaica
Faculty of The Built Environment
School of Building and Land Management (SBLM)

Division of Surveying and Geographic Information Sciences
237 Old Hope Road, Kingston 6, Jamaica
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SGIS

Bachelor of Science (BSc.) in Surveying and Geographic Information Sciences

Certificate in Land Surveying

Mission Statement

The Urban and Regional Planning Division is committed to the delivery of high quality and relevant planning, education, and community service within the ambits of the vision of the University of Technology, Jamaica. To achieve this, the programme facilitates hands-on learning through collaboration with communities, practicing planners and allied professionals dedicated to the development of innovative approaches to address urban and regional issues in a sustainable manner.

Historical Background

The Urban and Regional Planning Division (formerly the Physical Planning Technology Division) was established in 1977, initially offering diploma, and degree as of 1991. This planning programme is the oldest in the English speaking Caribbean with approximately 350 planning graduates working in various capacities, in public and private agencies in Jamaica, the Caribbean, and else where.

Bachelor of Science in URP Objectives

The programme objectives are to:

- develop an appreciation in students for the current and historical issues surrounding the practice of planning;
- allow students to develop an understanding of the theory and practice of planning;
- develop in students the capacity for original and analytical thought;
- produce a planner with the requisite knowledge, skills and attitude appropriate for professional practice in both the public and private sectors;
- train professionals competent in physical and socio-economic development planning as well as in sustainable development and management of natural resources in developing countries.

Programme Design

The programme structure is a four (4) year model comprised of eight (8) semesters, at the end of which

graduates will earn a Bachelor of Science in Urban and Regional Planning BSc (URP)

- No intermediate award.
- Past diplomates will be able to matriculate into the programme

Modes of Delivery

The programme is delivered on a full time basis through lectures, studios, labs, practicals, student presentations, class exercises and field trips. In the near future, modular and part-time, day release components will be added.

Internship

As part of the effort to produce graduates that are functional within the industry, students are exposed to the work environment during their training through an internship programme. The internship programme requires that each student work for four days per week at a minimum of six weeks, during the summer semester.



Programme Areas of Specialization

- Community development
- Housing
- Transportation
- Resource technology and management
- Planning and design
- GIS and remote sensing

Employment Opportunities

Among the jobs that graduates of the programme will be qualified for include:

- Development Control Officers
- Environmental, Research and/or Housing Officers
- Community Development Officers/Managers
- Regional Development Planners
- Land Use and/or Urban Planners
- GIS Analyst

Professional and Pre-professional Training in Planning, Environment and Building Management (PEB)

In addition to offering a four year degree, the Division also offers summer courses in GIS/Remote Sensing, Autocad, Planning Technology, and ongoing professional training in Planning Environment and Building Management. The objective of these programmes is to



assist in the development of technical human resource capabilities within the local government administration, or related agencies, in the discipline of planning, environment, and building management.

The Resource Unit

The Resource Unit of the Urban and Regional Planning Division was established in 1984. The Unit focuses primarily on-applied research in land related issues, community out-reach programmes, local, regional, and international collaboration, technical advisory and consultancy services.

The Unit is equipped to provide services in the fields of human settlement and development planning; land use policy and analysis; environmental development and management; community development and planning, remote sensing and geographic information system application to urban and regional planning

Advisory Committee

There are currently 15 planning professionals who serve on the advisory board of the division. These individuals are drawn from public and private agencies and the members provide oversight functions to ensure that the operation of the programme is practical and functional to meet the academic and professional demands of the discipline.