



Senior Lecturer/Lecturer in Environmental Engineering

FURTHER PARTICULARS

Be part of a Great West Indian Tradition

The University of the West Indies (UWI) is a well-established independent university that serves 17 countries of the Commonwealth Caribbean: Anguilla, Antigua & Barbuda, The Bahamas, Barbados, Belize, Bermuda, The British Virgin Islands, The Cayman Islands, Dominica, Grenada, Jamaica, Montserrat, St. Kitts & Nevis, St. Lucia, St. Vincent & the Grenadines, Trinidad & Tobago, and the Turks & Caicos Islands. [Read more ...](#)

Ranked Among the Best

Only Caribbean University Ranked Among BEST IN THE WORLD



- ▶ CARIBBEAN'S #1
- ▶ WORLD'S TOP 1.5 %
- ▶ LATIN AMERICA'S TOP 20
- ▶ WORLD'S GOLDEN AGE TOP 100
- ▶ IMPACT RANKINGS 2.5%

An innovative, internationally competitive, contemporary university deeply rooted in the Caribbean, The UWI is an international university, in every respect, with links extending beyond the region to well over 100 universities worldwide.

The Times Higher Education rankings in 2018 and 2019, placed The UWI as the number 1 ranked university in the Caribbean out of over 200 registered institutions across the region; and among the top 3% of some 2,000 registered universities in the wider Latin America and the Caribbean. In 2020 The UWI was ranked among the THE's top 100 "Golden Age" universities established between 1945 and 1967. [Read more ...](#)

About UWI

The first of UWI's five campuses began in 1948 at Mona, Jamaica, as a College of the University of London. The St. Augustine Campus in Trinidad & Tobago was added in 1961 and UWI achieved full university status in 1962. St. Augustine was followed by campuses at Cave Hill, Barbados (1963), the Open Campus (2008), and the Five Islands Campus in Antigua & Barbuda (2019). [Read more ...](#)

Our 8 Faculties

Teaching at the St. Augustine Campus takes place within eight faculties - Engineering, Food & Agriculture, Humanities & Education, Law, Medical Sciences, Science & Technology, Social Sciences, and Sport. Each Faculty offers a wide range of undergraduate and postgraduate programmes. [Find out more ...](#)

Get to Know Us

Visit <https://www.uwi.edu/> to find out more about The UWI. For more on the St. Augustine Campus, visit <https://sta.uwi.edu/>. Read the latest Campus news in our monthly publication, [UWI Today](#) and follow us on social media [Facebook](#), [Twitter](#), [Instagram](#), [YouTube](#), [LinkedIn](#).

About the FACULTY OF ENGINEERING

The Faculty of Engineering is comprised of five Departments, namely: The Department of Chemical Engineering, the Department of Civil & Environmental Engineering, the Department of Electrical & Computer Engineering, the Department of Geomatics Engineering & Land Management and the Department of Mechanical & Manufacturing Engineering

The Department of Civil & Environmental Engineering

The Construction Engineering and Management section is part of the Department of Civil & Environmental Engineering, Faculty of Engineering. <https://sta.uwi.edu/eng/civil/>

We offer postgraduate degree programmes in Department of Civil & Environmental Engineering at the MPhil and PhD levels, and an undergraduate. Postgraduate students have the option of doing practice-based research.

Construction Engineering and Management

The aim of the Construction Engineering and Management programme is to promote and institutionalise the critical study of Construction Engineering Management at the University of the West Indies. The section seeks to engage with pertinent issues and problems related to culture, representation, power and policy in and beyond the Caribbean. The section does this by introducing students to the history, methodologies and theoretical traditions of Construction Engineering and

Management section and fostering students' skills and confidence in critical thinking and independent research.

Research

Research in the Construction Engineering and Management section programme focusses on a range of theoretical questions in and beyond the Caribbean and its diaspora. For information on the research conducted at the Department of Civil & Environmental Engineering visit the Faculty webpage at <https://sta.uwi.edu/eng/civil/>

The University of the West Indies supports the research activities of permanent members of staff by providing study leave, special leave for scholarly purposes, and sabbatical leave, as well as offering funding for research trips, fieldwork, institutional visits, conference participation and organisation, and research assistants. For more information on research funding, see <https://sta.uwi.edu/research/research-funding>

Lecturer in Environmental Engineering

Qualifications and Experience

The successful candidate must possess at minimum, a PhD from a recognised university, in Civil Engineering or Civil and Environmental Engineering or equivalent engineering in a closely related field, with a B.Sc. (Honours) in Civil Engineering or Civil and Environmental Engineering.

Candidates must also possess:

- At least three (3) years' teaching experience at a recognised tertiary institution/university, particularly in the field of Engineering
- A substantial record of research and publications in reputable peer reviewed journals, particularly in the area of Civil and Environmental Engineering or equivalent/related field
- Familiarity with commercial and open-source modelling tools, including GIS software, and the design of environmental systems
- A strong background and expertise in the area of Environmental Engineering and Policy
- Expertise in one (1) or more of the following areas:
 - Engineering Hydrology
 - Water Resources
 - Water and Wastewater Treatment
 - Solid and Hazardous Waste Engineering and Management
 - Air Pollution Soil and Groundwater Contamination

- Modelling and Simulation Software
- Environmental Chemistry
- Environmental Impact Assessments
- Sustainable Development
- Climate Change and Carbon Management
- Circular Economy

Candidates with the following would have an advantage:

- A MSc. degree in Civil and Environmental Engineering
- Membership from a recognised Professional Engineering Body
- Experience in the supervision of student research projects at Masters or Doctoral level
- Competency in successfully obtaining funding for research with evidence by contribution to funding proposals

The following would be considered assets:

- Certification in university teaching and learning
- Industrial or consultancy experience in Civil and Environmental Engineering (including internships or short-term roles)
- Proof of practical experience and professional engagement
- Evidence of active interaction with industry and policy formulation

Key Responsibilities

- Teaching at the undergraduate and postgraduate levels in area of expertise
- Supervising graduate students at the MSc, MPhil and PhD levels in the area of expertise
- Preparing and delivering lectures, tutorials, workshops, and seminars
- Setting and grading assignments, tests and examinations

- Assisting in developing curricula and course material that can be used across a number of platforms
- Modernising the Environmental Engineering Laboratory to consider new contaminants, and for expanding capability to include solid waste analyses
- Collaborating with other academics to improve teaching methods and expand knowledge base
- Providing support to students and colleagues
- Conducting research, and writing papers, proposals, journal articles, and books
- Conducting fieldwork, investigations, and writing-up reports
- Establishing links with industry to pursue relevant research projects
- Attending and participating in meetings, conferences, and other events inside and outside of the Institution
- Participating in training opportunities and initiatives at the Institution
- Staying current by reading widely and producing published work in the field
- Serving on Committees at the Department, Faculty and University levels as required
- Performing any other duties as may be assigned by the Head of Department or designate
- Have good organisational and leadership skills
- Be self-motivated and able to motivate students
- Have the capability to attract research funding
- Be willing to forge working relationships and meaningful engagement with staff, students and external stakeholders (industry and universities)
- Be able to contribute effectively to departmental activities and student development
- Be committed to developing the Department's outreach programme

Candidates are further encouraged to enhance their application by providing the following:

- Cover Letter
- Teaching statement (1 page)
- Research statement (1 page)

Personal Attributes

The Campus places high priority on individuals of integrity who can work well in a team and student friendly environment. Candidates should also possess good communication and interpersonal skills. A good command of both oral and written English is essential.

Candidates should also:

- Be able to work collaboratively within a department
- Be able to mentor students and staff

Remuneration Package

Annual Salary Range:

Senior Lecturer (Non-Medical):

Minimum: TT\$ 360,876.00 per annum

Maximum: TT\$ 447,384.00 per annum

Lecturer (Non-Medical):

Minimum: TT\$ 254,136.00 per annum

Maximum: TT\$ 353,760.00 per annum

Benefits:

- Special allowance of 6% of basic salary;
- Transportation Allowance of TT\$3,250.00 per month;
- Up to five economy class passages plus baggage allowance of US\$3,000.00 (TT\$ equivalent) on appointment and normal termination (persons recruited from outside of T&T);
- Unfurnished accommodation at 10% or furnished at 12.5% of basic salary, or housing allowance of 20% of basic salary to staff making own housing arrangements;
- UWI contribution of equivalent of 10% of basic salary to Superannuation Scheme;
- Annual Study and Travel Grant (available after first year of service) - TT\$24,548.00 per annum;
- Institutional Visit Allowance (available after first year of service) – TT\$7,200.00 per annum;
- Book Grant – TT\$6,000.00 per annum;
- Contributory Health Insurance – 50%;
- Group Life Insurance Scheme

*The Registry
St. Augustine
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