



# **Coordinator - Petroleum Geoscience Programme**

**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*

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 (<https://sta.uwi.edu/eng>) comprises the Department of Chemical Engineering, the Department of Civil and Environmental Engineering, the Department of Electrical and Computer Engineering, the Department of Geomatics Engineering and Land Management and the Department of Mechanical and Manufacturing Engineering.

### *The Department of Chemical Engineering*

The Department of Chemical Engineering has responsibilities for teaching, continuing education, and research in the four (4) disciplines of Chemical Engineering, Food Science and Technology and Petroleum Studies (Petroleum Engineering, Reservoir Engineering and Petroleum Geoscience).

### *Chemical and Process Engineering*

The Chemical Engineering Group comprises eight (8) full-time academic staff and an undergraduate population of around 180, including doctoral students and research assistants. Teaching by full-time academic staff is well supported by part-time instructors and research assistants. The Department has an international outlook for both teaching and research. It is the largest provider of chemical engineering graduates in the English-speaking non-USA territories of the West Indies, and our academic courses have a unique reputation regionally.

The BSc and MSc programmes are

currently accredited by the Institution of Chemical Engineers (IChemE). The BSc in Chemical and Process Engineering curriculum is organized along the traditional lines for such a programme. Entry standards to the undergraduate courses are among the highest in the Caribbean region.

Currently available facilities include the following laboratories: Unit Operations Electrochemical Engineering, Analytical Chemistry, Design Office, Reactions & Controls, Extraction and Science of Materials/Metallurgy. The Faculty has recently invested in new process biotechnology and multi-phase flow laboratories. The additional laboratory space provides an important part of our research strategy. Areas of current research include: sustainable energy, reaction engineering, multiphase flow, desalination and optimization, process control and electrochemical and corrosion, and process safety. Where appropriate, interdisciplinary research is done in collaborations across campus, for example with the Departments of Physics, Chemistry and Life Sciences.

The Chemical Engineering Group maintains links with industry particularly in the area of chemical manufacture. The process industries form one of the key sectors in the economies of the English-speaking Caribbean. Thus, the petroleum and natural gas industries effectively support the economy in the Republic of Trinidad and Tobago, and the minerals industry (bauxite, cement, etc.) is of prime importance in Jamaica. In addition to these industries, there exists a wide range of operations in the medium and small-scale process categories, such as soaps and detergents, paints, pharmaceuticals, oils and fats, etc. Staff participate actively in professional associations as well as scientific and technical societies, in particular, The



Association of Professional Engineers of Trinidad & Tobago (APETT) and the UK's Institution of Chemical Engineers (IChemE).

Graduates of the Chemical and Process Engineering Programme have found employment in all aspects of the process industries, including design, process engineering, project engineering, operations management, technical services and marketing. Some individuals follow careers in the scientific and technical civil service, whilst others pursue postgraduate studies in areas such as petroleum engineering.

### *Tenure of Appointment*

Appointment as Coordinator will be for a fixed term of two (2) years.

# Coordinator - Petroleum Geoscience Programme

## *Qualifications and Experience*

The successful candidate must possess a PhD from a recognized university, which should be in Petroleum Geoscience/Geology, Geophysics or a closely related field with a focus on Petroleum Geology.

Candidates should also possess:

- A minimum of two (2) years' teaching experience at the undergraduate level
- Research experience in the area of expertise
- Supervision of undergraduate and postgraduate student projects
- Industry experience
- Leadership experience in conducting field trips and internship placement
- Proficiency in Petroleum Geology

Candidates with the following would have an advantage:

- Qualification and proficiency in Structural Geology
- Qualification and proficiency in Geology of Trinidad and Tobago and the Caribbean
- Teaching experience at the postgraduate level

## *Special Responsibilities*

- Coordinating the work of the Petroleum Geoscience programme, its full-time and part-time lecturers and students and raising funding to sustain the programme
- Teaching undergraduate and postgraduate courses in Petroleum Geoscience
- Supervising BSc and postgraduate (MSc, MPhil and PhD) student projects
- Developing self-financing programmes and professional short courses to respond to the changes within the industry, specifically focusing on local and regional needs
- Providing ongoing revision of the curriculum to keep abreast of development and innovation in the area of expertise
- Developing and coordinating research programmes of national interest capable of attracting external funding
- Engaging with local, regional and international stakeholders, other departments and academic institutions and faculty through collaborative research, teaching and training services
- Serving on Committees at the Department, Faculty and University levels
- Mentoring students and staff
- Attracting funding for industry funded programmes



### *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:

- Have links with stakeholders (industry and universities)
- Have a strong relationship with energy industries and the Ministry of Energy and Energy Industries in Trinidad and Tobago
- Be creative and innovative
- Be detail-oriented
- Be self-motivated and capable of motivating others
- Have good organizational and leadership skills
- Have effective time management skills
- Have problem solving and critical thinking skills

**The appointment is for a fixed term of two years in the first instance.**

## Remuneration Package

### *Annual Salary Range:*

Senior Lecturer (Non-Medical):

Minimum: TT\$ 340,164.00 per annum

Maximum: TT\$ 421,704.00 per annum

### *Benefits:*

- Transportation Allowance of TT\$3,250.00 per month;
- Housing allowance of 20% of basic salary;
- Annual Study and Travel Grant (available after first year of service); -TT\$20,717.00 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 (Appointments in excess of one year; immediately accessible)
- Contributory Health Insurance – 50% (Appointments of at least one year)

*The Registry  
St. Augustine  
File # 173/14/11 I  
2022 June  
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