

Transform the Future with a Ph.D. in Chemical Engineering at ACE-CEFOR

The World Bank Africa Centre of Excellence in Oilfield Chemicals Research offers a world-class Ph.D. programme in Chemical Engineering, designed to equip you with the advanced skills and knowledge needed to solve critical challenges in the oil and gas industry. Our programme integrates cutting-edge research in areas like oilfield chemistry, process engineering, and sustainable chemical processes, making it essential for the development of more efficient and eco-friendly solutions.

Program Highlights

Specialized Curriculum: Engage in advanced coursework and research in process optimization, chemical reactions, and materials science, tailored to meet the needs of the oil and gas industry.

Innovative Research: Work on breakthrough projects focused on sustainable chemical processes, process optimization, flow assurance, catalyst development, transport systems optimization, gas utilization, digital oilfield, enhanced oil recovery, waste management, hydrogen fuel cell processes, and the development of green oilfield chemicals.

Industry Integration: Contribute to the development of energy-efficient and environmentally friendly solutions that are vital to the petroleum sector, particularly in regions like the Niger Delta.

Global Perspective: Benefit from a multidisciplinary approach that integrates engineering principles with economic and environmental considerations, essential for addressing the complexities of the Niger Delta and beyond.

Career Opportunities: Graduates of our Ph.D. programme in Chemical Engineering will be well-prepared for leadership roles in academia, industry, and research institutions. You will be positioned to drive innovation in chemical processes, sustainability, and the oil and gas sector.

Apply Now:

Take the next step in your career by applying to our Ph.D. programme in Chemical Engineering. Join ACE-CEFOR and become a leader in the advancement of energy solutions and chemical engineering.