

Pursue a Ph.D. in Microbiology at ACE-CEFOR

Join the World Bank Africa Centre of Excellence in Oilfield Chemicals Research for a Ph.D. programme in Microbiology, specializing in environmental and petroleum microbiology, and biotechnology. This programme focuses on the application of microorganisms and microbial biotechnology to solve environmental challenges related to oil and gas exploration, production, and usage. Our curriculum covers critical areas such as microbial enhanced oil recovery, microbial-induced corrosion, bioremediation, and environmental impact assessment, all within the context of the petroleum industry. As a student, you'll gain expertise in managing microbial processes that impact oilfield operations, from reservoir souring to biofilm formation, while developing solutions for sustainable environmental practices. Our research-driven approach equips you with the skills needed to address pressing challenges in the Niger Delta and beyond, where the petroleum industry significantly impacts both the environment and the economy. Graduates of this programme will be well-prepared for academic careers as lecturers or for roles in the petroleum, environmental, and biotechnology sectors.

Apply now to be part of transformative research that shapes the future of microbiology in the oil and gas industry.

