

**PROFESSIONAL DOCTORATE OF  
ENERGY SUSTAINABILITY ENGINEERING MANAGEMENT**

The programme aims to produce graduates with advanced knowledge and skills in energy sustainability engineering and management; this will be by providing high-level teaching and research, in an interdisciplinary approach, to deliver a set of skills and competencies in sustainable energy systems Management.

In addition, programmes introduces the student to core concepts and applications in Supply Chains and Operations Management. Ensure that the students can apply recent trends in Supply Chain Management to Energy Infrastructures such as Hydrothermal power stations, off-shore wind farms, crude oil supply management, demandside energy management, and quality management using Six Sigma Methodology of quality control and assurance.

<b>PROFESSIONAL DOCTORATE OF ENERGY SUSTAINABILITY ENGINEERING MANAGEMENT</b>	
<b>DURATION</b>	<b>TWO ACADEMIC YEARS</b>
<b>CREDIT HOURS</b>	<b>36 CREDITS</b>
SUBJECT	CREDIT HOURS
SUSTAINABLE ENERGY TECHNOLOGIES AND SYSTEMS	3
ENERGY POLICY AND ECONOMICS	3
ENERGY STORAGE SYSTEMS	3
ENERGY PLANNING AND MANAGEMENT	3
SUSTAINABILITY SYSTEMS MODELLING AND OPTIMIZATION	3
SUSTAINABILITY PRODUCTION AND SUPPLY CHAIN MANAGEMENT	3
SMART GRIDS AND MICROGRIDS	3
CLIMATE CHANGE MITIGATION	3
RENEWABLE ENERGY INTEGRATION	3
THESIS	9