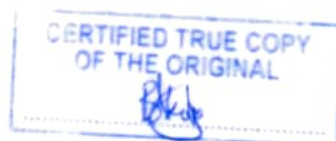


# UNIVERSITY OF NAIROBI



This is to certify that

**Patrick Kimutai Tum**

having satisfied the requirements  
for the award of the degree of the

**DOCTOR OF PHILOSOPHY  
IN CHEMISTRY**

was admitted to the degree  
at a Congregation held at  
this University on the

Fourteenth Day of September in the Year  
2018

A handwritten signature in black ink.

VICE-CHANCELLOR

A handwritten signature in black ink.

DEPUTY VICE-CHANCELLOR (ACADEMIC AFFAIRS)