

# Master of Commerce in Risk Management of Financial Markets [CM036FTX17]

**Convener:** M Aidoo

## **Entrance requirements:**

There are limited places on the degree and admission is based on merit.

The minimum admission requirements are:

- An Engineering degree from any sub-discipline

or

- An NQF level 8 qualification with
  - At least 18 credits of Mathematics at HEQSF level 5 (MAM1010F at UCT)
  - At least 18 credits of Statistics at HEQSF level 5 (STA1000S at UCT)

Admission is at the discretion of the admissions committee and meeting the minimum requirements does not guarantee acceptance.

## **Qualification outline:**

The African Institute of Financial Markets and Risk Management in association with the Department of Finance and Tax offers a full-time professional MCom in Risk Management of Financial Markets. The primary objective of this professional Master's degree is to equip students with the necessary methodological, regulatory and research skills for financial market risk management. The requisite technical skills cover fundamental mathematics, statistics, econometrics, and computing. The prescribed courses aim to instil the application of technical skills to modelling complex financial and economic concepts, and thereby enhancing the understanding thereof.

The qualification is intensive and challenging, and combines training in mathematical, statistical, econometric, and computing skills with a solid understanding of financial markets and risk management. It consists of 180 credits of coursework including a research component, all of which can be completed within one year. Upon successful completion, candidates should be well equipped for careers in sophisticated areas of risk management in the financial services sector; and to pursue doctoral research within the broad fields of financial risk management or quantitative finance. The programme has been designed to accommodate students from a wide variety of backgrounds.

## **Duration:**

The degree is offered over one year, full-time and begins in February.

## **Prescribed curriculum:**

<b>Course code</b>	<b>Course name</b>	<b>HEQSF Credits</b>	<b>HEQF Course Level</b>
FTX5011W	Risk Management Quantitative Modelling	60	9
FTX5013W	Risk Management Markets	45	9
FTX5010S	Risk Management Governance	30	9
FTX5012W	Risk Management Research	45	9
	<b>Total:</b>	<b><u>180</u></b>	

## **Assessment:**

To qualify for the degree, the student must pass all four of the prescribed courses.

## **Readmission rules:**

Except with the permission of Senate, a student will not be permitted to renew registration in the degree if he or she

- (a) fails FTX5011W (Risk Management Quantitative Modelling) or FTX5012W (Risk Management Research)
- (b) fails both FTX5010S (Risk Management Governance) and FTX5013W (Risk Management Markets)

If a student fails only one of FTX5010S (Risk Management Governance) or FTX5013W (Risk Management Markets), during their first year of registration, they will be permitted to repeat this course in the following academic year. A failed course may only be repeated once.

## **Distinction rules:**

The degree will be awarded with distinction if the candidate obtains a mark of 75% or higher for each of the prescribed courses.

## **Further specific administrative requirements:**

In addition to completing the University application form, the applicant must submit academic transcripts, a Curriculum Vitae and a letter of motivation. Application for the following year must be made by 30 September.