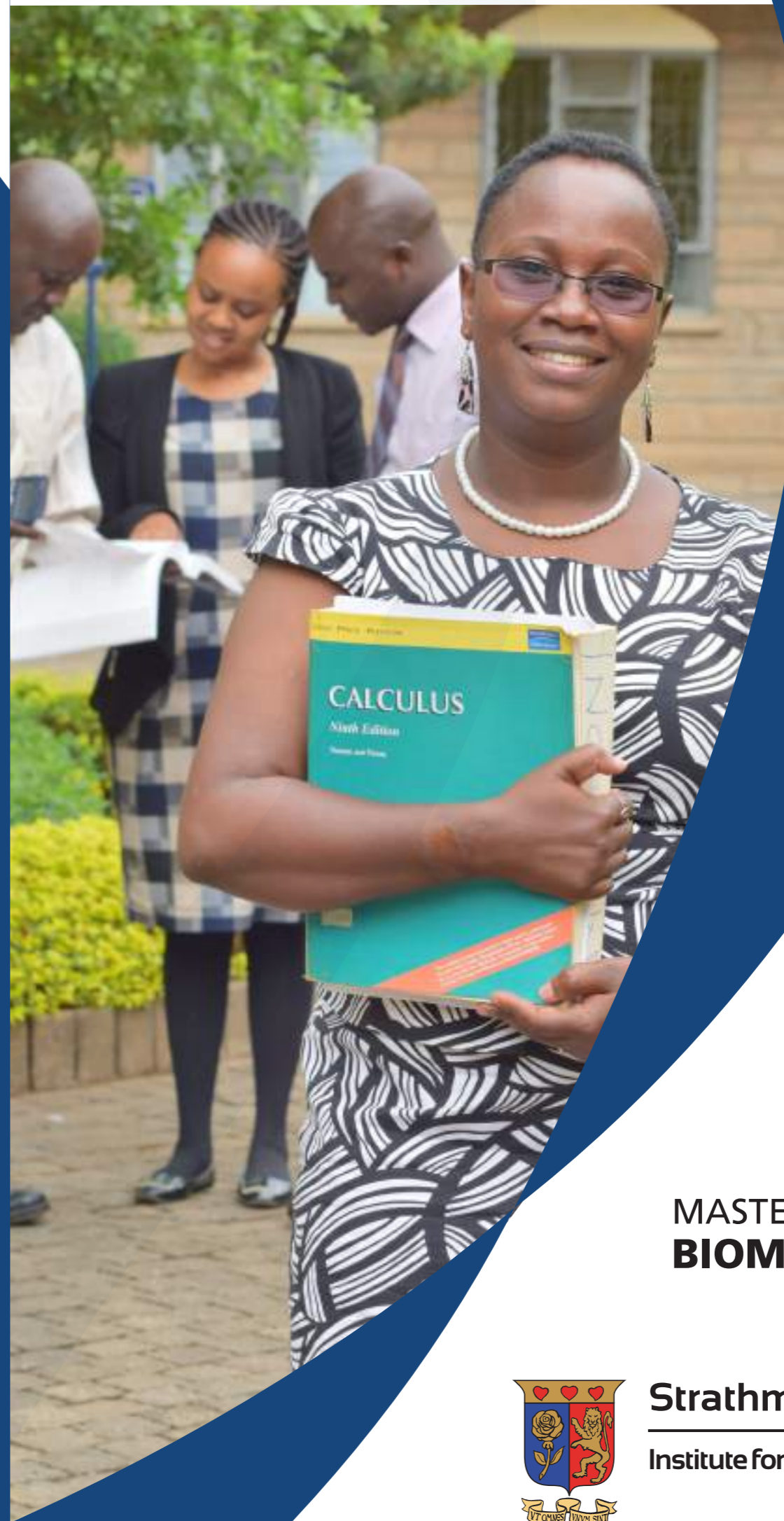




**Strathmore**  
UNIVERSITY

**FOR MORE DETAILS CONTACT:**

Admission Office, Strathmore University  
PO Box 59857 – 00200 City Square, Nairobi, Kenya  
Tel + 254 (0)703 034000 / 2203 / 2232 / 2297  
Email [admissions@strathmore.edu](mailto:admissions@strathmore.edu), [ims@strathmore.edu](mailto:ims@strathmore.edu)  
[www.strathmore.edu](http://www.strathmore.edu)



**MASTER OF SCIENCE IN  
BIOMATHEMATICS**



**Strathmore University**  
Institute for Mathematical Sciences



## Master of Science in Biomathematics

### COURSE DETAILS

The Master of Science in Biomathematics focuses on methods of applied mathematics and mathematical modeling needed to provide quantitative answers to practical questions in biomedical research. A key characteristic of the MSc is the careful integration of mathematical methods with the theory and practice of modern computational biology. The objective of the Programme is to produce graduates with a rigorous foundation in the mathematical modeling of biological systems, and with practical ability in biomedical modeling.

### CAREERS

The MSc in Biomathematics will provide the student with skills suitable for a research career in the field of mathematical medicine and biology. These careers include but not limited to: Agricultural and Food Scientist, Biochemists and Biophysicist, Biomedical Engineer, Geoscientist, Hydrologist, Marine Biologist, Natural Sciences Manager, and Molecular Biologist.

In Kenya, a graduate of MSc. Biomathematics can work with companies like KEMRI-Wellcome group, KEFRI, KARI, ILRI, Pharmacies, Hydrology companies, Kenya Navy as a Marine Biologists and other research firms.

### LEARNING FACILITIES

You will have access to state of the art ICT platforms like eLearning system, numerous computer laboratories, unlimited internet, a wide range of software and email.

The university also has a well-stocked library with the latest titles in Biomathematics that will be used for learning, in addition to accessible online journals.

The Institute has collaborated with a consortium of academic and research institutes such as KEMRI in Kenya and CSIR in South Africa to form a Centre of excellence in biomedical research, known as CREATES which is housed in Strathmore University, and whose overall objective is to conduct and promote cutting-edge innovative and relevant research in therapeutic sciences and medical genetics that address key health issues.

### ENTRY REQUIREMENTS

a) The following are eligible for admission into the MSc. Biomathematics:

- Holders of First Class or Upper Second in Mathematics or a related discipline; OR

### WHY STRATHMORE?

Quality Education  
Student Coaching  
Rigorous Standards

International Faculty  
Powerful Networks  
World-class facilities

- Holders of Lower Second Class degrees in Mathematics or a related discipline plus Postgraduate Diplomas in relevant areas; OR
- Holders of Lower Second Class Degrees in Mathematics or related disciplines plus a minimum of two years of working experience; OR
- Holders of other related qualifications from recognized universities.

b) In addition to meeting the above criteria, the applicants will be required to attend and pass an oral interview and a Graduate Entrance Examination (GEE).

c) They will also be required to present two reference letters from academic referees.

### Intake

The annual intake will be in the month of September Semesters

- 1st Semester: September - December
- 2nd Semester: January - April
- 3rd Semester: May - August

### Interview requirements

Interviews are held on Wednesdays and Fridays. Please carry the following:

- 2 passport-size photos
- Original and copies of academic certificates
- CV and a copy of national ID or passport
- Interview fee: Kshs 2,300

