



# AIMS

African Institute for  
Mathematical Sciences

IN AFRICA'S YOUTH, THE FUTURE OF SCIENCE

## Study at AIMS

By

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**Candidates should apply:**

- **for one Program only (Master in Mathematical Sciences or Co-Op Master) and**
- **in one preferred center only and should be precise if they want to be considered in other centers or not.**

**OPEN TO ALL AFRICAN COUNTRIES. WOMEN ARE STRONGLY ENCOURAGED TO APPLY.**

**INTERNALLY DISPLACED PERSONS, REFUGEES, AS WELL AS PERSONS WITH  
DISABILITIES ARE HIGHLY ENCOURAGED TO APPLY.**

# ABOUT AIMS

The African Institute for Mathematical Sciences (AIMS) is a pan-African network of centres of excellence for postgraduate training, research, and public engagement in mathematical sciences. With six centres in Senegal, Ghana, Cameroon, Rwanda (2), and South Africa, AIMS serves as a continental hub for innovation, scientific excellence, and talent development.



## Vision



A prosperous Africa, propelled by innovative education and mathematical science.

## Mission



To empower talented young Africans to be creative leaders in science and technology.

## VALUES



Excellence



Pan-Africanism



Equity & Inclusion



Integrity

# THE AIMS ECOSYSTEM OF TRANSFORMATION

At AIMS, we believe that the future of science is in the youth of Africa, and we focus on preparing young people in Africa for the future of science.



## Talent Acquisition

We recruit exceptional graduates from across Africa, creating a vibrant, diverse learning community.



## World-Class Training

Students learn from top global experts through a dynamic, hands-on, and collaborative academic model.



## 24/7 Learning Environment

Round-the-clock access to learning spaces, fostering continuous discovery, peer collaboration, and independent exploration.



## Holistic Development

We cultivate leadership, entrepreneurship, and science communication alongside technical excellence.



## Collaborative Ecosystems

By working with governments, academia, and industry, we link science to impact and drive transformation.



# AIMS Commitment to Inclusion

## Gender Equity

50% women in all programs, 60% for Mastercard Foundation Scholars

## Refugee Support

10% dedicated places for Refugees and Displaced Persons

## Accessibility

10% dedicated places for applicants with disabilities

Creating opportunities for historically underrepresented groups in African STEM education while maintaining academic excellence across all programs.

## Selection Requirements



- **Citizen of any African country**
- **4-year university degree** in mathematics, or any science or engineering subject with a significant mathematics component (Physics, Computer Science, Engineering, ...)
- Applicant's record should demonstrate a **strong aptitude in mathematics**, leadership and community service
- **Women** applicants are strongly encouraged
- Displayed persons, Refugees, People living with disabilities are highly encouraged to apply
- **Applications are completely free through our online platform.**

## Required Documents

- Academic transcripts and certificates
- Curriculum Vitae (CV)
- Personal statement
- Contact details of two academic referees
- Additional documents as specified in calls



## Selection Process

- Online application platform available
- Applications accepted from December 12, 2025 to March 15, 2026
- Selection Panel reviews all applications
- Shortlisted candidates are interviewed via WhatsApp or Zoom and ranked
- Final rankings are reviewed and approved by the Committee
  - This includes members from partner universities
  - And representatives from the Ministry of Higher Education
- Successful applicants will be notified by July 2026.

# STUDYING AT AIMS: 24/7 LEARNING ENABLED ENVIRONMENT



## Full Bursary Coverage

- No course fees for successful Master's applicants
- Comprehensive support package:
  - One student one Laptop
  - Library access
  - Accommodation + Meals
  - Internet connectivity
  - Health Insurance
  - Field Trips and Industry Visits
  - Travel cost (including flights to and from the country, transportation to the AIMS centre)
  - Financial Assistance
  - Monthly stipend

## World-Class Academic Experience

- **Distinguished Faculty:**
  - Nobel Laureates and Fields Medalists
  - Leading researchers
  - Industry experts
- **Talented Tutors:**
  - Teaching assistants from around the world
  - Recent graduates and PhD candidates
  - Multilingual support and Small group tutorials
- **Innovative Pedagogy:**
  - Problem-based learning
  - Understanding and applying concepts instead of rote learning
  - Collaborative projects
  - Scientific computing and programming
  - Interdisciplinary curriculum

# COURSE DELIVERY AT AIMS: Each course is delivered in a 3-week block



## Cooperative Master

## Structured Master



11 weeks

Skills Phase



21 weeks

Review Phase



12 weeks

Research Phase



30 weeks

Internship Phase

- **Mandatory** courses for all.
- **Two weeks** of intensive preparation in language and programming, followed by **three course blocks**.

- **Six course blocks**, followed by a two-week break for Christmas and a reading week.
- Each block offers **4 to 5** courses.
- Students choose **two courses per block based on their stream**.

- 6 weeks, followed by 4 to 6 weeks for the completion of the thesis and preparation for the defense.

- Industry internship (26 weeks / 6 months)
- Completion and oral presentation of the internship report (4-6 weeks)

# PROGRAMS IN VARIOUS AIMS CENTRES

## CAMEROON

### Structured Master's in Mathematical Sciences

- 1 Climate Science
- 2 Data Science
- 3 Quantum Science
- 4 Fundamental Science

### Co-operative Master's

- 1 Data Science
- 2 Mathematical Epidemiology

## GHANA

### Masters' in Mathematical Sciences:

- Structured Master's
- Co-operative Master's
- Master for Teachers  
*(3-year BSc accepted)*

## RWANDA

- Structured Master's:
  - Data Science
  - Mathematical Sciences
- Co-operative Master's:
  - Mathematical Epidemiology

## SENEGAL

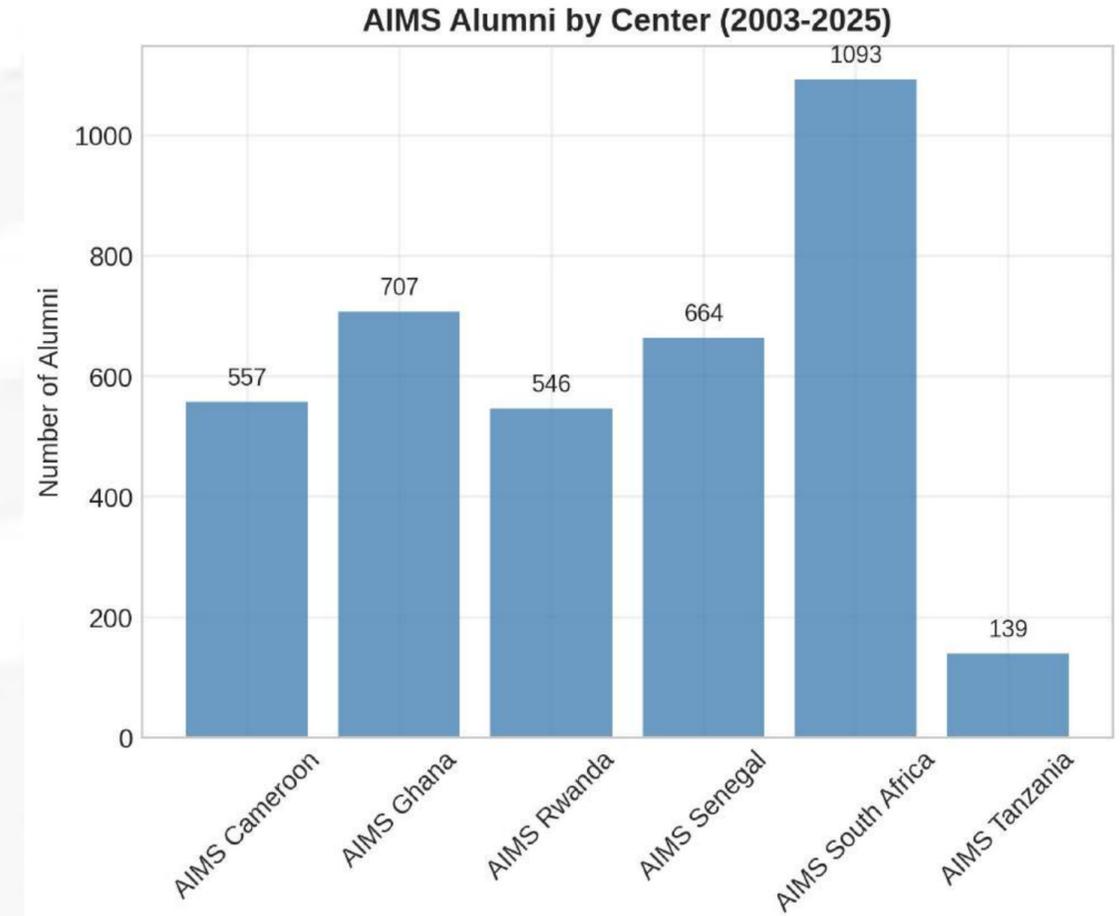
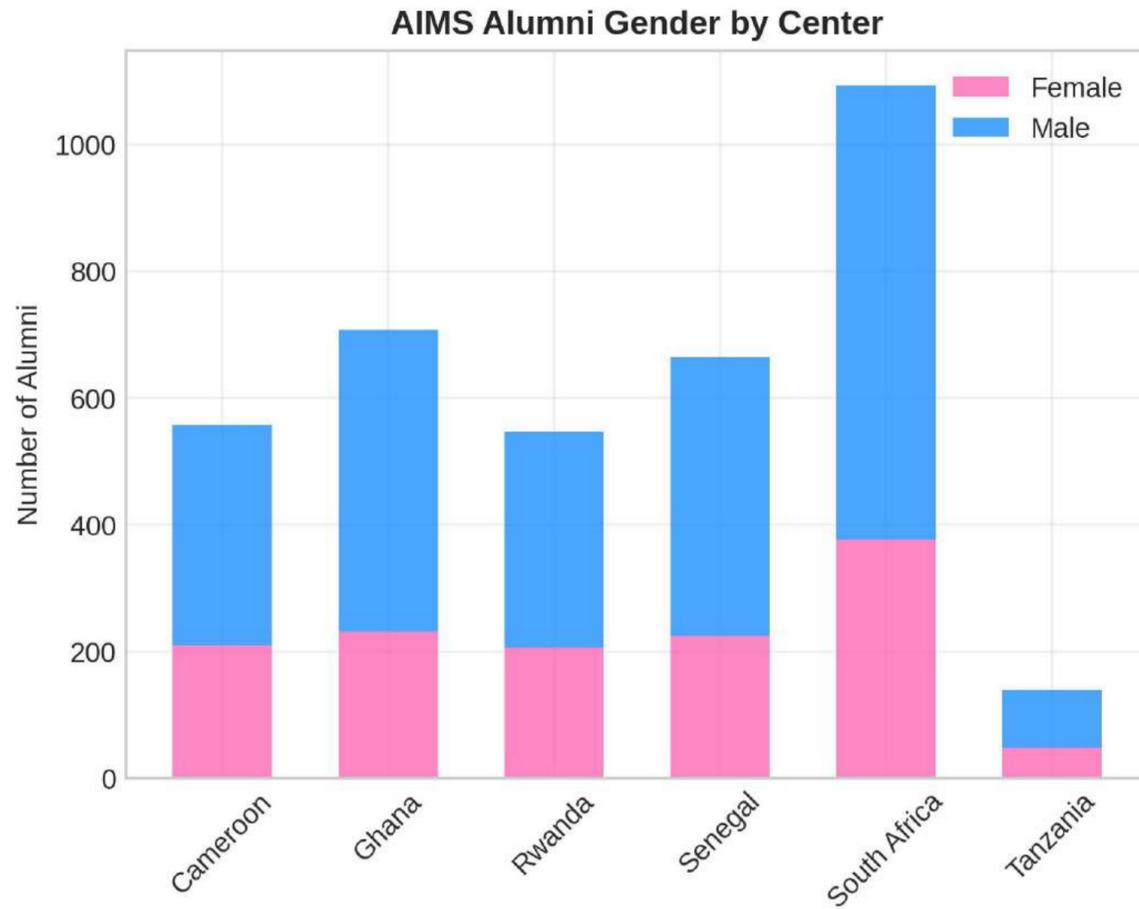
- Structured Master's in Mathematical Sciences
- Co-operative Master's:
  - Big Data
  - Computer Security

## SOUTH AFRICA

- Structured Master's in Mathematical Sciences
- AI for Science Master's

# AIMS NETWORK KEY FIGURES

## AIMS Statistics Dashboard (2003-2025)



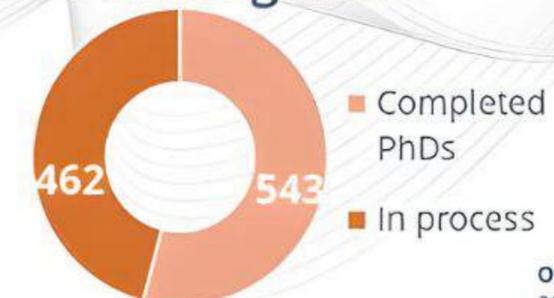
**4000+**  
peer  
reviewed  
publications.

- **59%** of our Alumni are employed in:
  - Education
  - ICT
  - Academic Research
  - Teaching and Research
  - Research (private, public, non-profit sectors)
  - Accounting, banking and finance
  - Business consulting and management
  - Engineering and Manufacturing
  - Public services and administration Health

 **Over 3720**

Alumni from **46** countries since **2003**.  
**35%** are women.

### PhD Degrees



 **Over 74%**

Of our employed Alumni are currently in Africa.

# LIMBE, THE CITY OF FRIENDSHIP



- English-speaking region
- Beautiful beaches & nature
- Mount Cameroon
- Bimbia slave trade village
- Botanic gardens
- Wildlife centre
- Vibrant student community
- Etc.

# APPLY



## Application Portals:

1. Structured & Co-op Master's: <https://apply.aims-network.org/>
2. AI for Science Master's program at AIMS South Africa: <https://ai.aims.ac.za/apply>
3. Mathematical Epidemiology: <https://applications.aimsric.org/>

## Resources:

1. Alumni Success Stories: <https://aims-cameroon.org/alumni-success-stories/>
2. Weekly Q&A Sessions: <https://forms.gle/DT7h4bFwoBcMzBCa7> **(Every wednesday, 16:00, from January 7th to February 25th)**
3. More on the programmes and Frequently Asked Questions: <https://aims-cameroon.org/masters-recruitment-campaign/>

**Deadline: March 15, 2026**

# CONTACT US

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