

APPLY FOR AIMS GIRLS IN MATHEMATICAL SCIENCES PROGRAM (GMSP)



The African Institute for Mathematical Sciences (AIMS) Ghana Girls in Mathematical Sciences Program (GMSP) is an exciting and challenging 9-month program created for bright, curious and creative female high school students to unlock their potential in the mathematical sciences. The goal is to mentor participants to pursue STEM careers at the highest level in research, training and industry. The program is also designed to create a special class of students who will lead cutting edge research and innovation in the next few years.

DURING THE 9-MONTH PROGRAM, DELIVERY MODELS WILL INCLUDE:

- Monthly meetings to train students on how to identify specific problems.
- Probe the problem and find meaningful ways of solving problems.
- Insightful sessions with leading international scientists who will discuss their work and current open problems in their field of research.
- Career mentoring programs where researchers and AIMS alumni will enlighten participants on diverse career options available after pursuing studies in the mathematical sciences.
- Science communication training and industry visits which will enhance the ability of participants to translate technical knowledge into practical terms that the public can engage with.
- Residential component at AIMS Ghana where students take mini-courses in selected areas with sound conceptual introduction to the profound and revolutionary ideas at the foundations of modern mathematical sciences.
- Extracurricular activities including industry visits, hands-on activities, meeting prominent figures (Fireside Chats) and fun games.

FINANCIAL SUPPORT:

Full scholarships are provided for training, books, laptops and internet access. Accommodation and meals are also provided at AIMS Ghana for the residential period.

ELIGIBILITY CRITERIA

- Each Ghanaian Senior High School (SHS) can nominate **1-5** female students if she (or they) meet all the following requirements:
- Must be a Ghanaian.
- Should be in SHS 1 or 2 or equivalent.
- Should have a passion for and strong ability in Mathematics as reflected in high school course grades and extracurricular activities.
- Should intend to pursue studies in the Mathematical Sciences at the university level in the future; and at the time of application,
- Should be fluent in speaking and reading, and should have good listening and writing skills.

APPLICATION DOCUMENTS

- Application forms should be downloaded from (<https://bit.ly/3mi6RXy>) completed, scanned and uploaded to (<https://bit.ly/37ROnoa>) no later than 30th September 2021 by the nominating SHS.
 - Upload of last two terms transcripts should be included.
- There is no application fee.**

STEPS

- 1: Download application form [HERE](https://bit.ly/3mi6RXy) (<https://bit.ly/3mi6RXy>) for manual filling.
- 2: Proceed to online application and submission of forms and all documents [HERE](https://bit.ly/37ROnoa) (<https://bit.ly/37ROnoa>).

PS: Scan all documents into one file before submitting online

All enquiries should be sent via email to: girlslnmath-applications@aims.edu.gh or Call 0362196617

NB: Only shortlisted applicants will be contacted.

DEADLINE FOR APPLICATION 30th SEPTEMBER, 2021