



Math Placement at Ashesi

Effective September 2016

- WASSCE Core Math Only with C5 or C6 → College Algebra
- WASSCE Core Math Only with C4 → Pre-Calculus OR Meet with a mathematics faculty to decide placement
- WASSCE Core Math Only with B or A → Pre-Calculus
- WASSCE Elective Math with C or below → Pre-Calculus
- WASSCE Elective Math with B or A → Calculus
- A-Level Math D or below → Pre-Calculus
- A-Level Math C or higher → Calculus
- A-Level Further Math → Calculus
- O-Level/IGCSE only with C or below → College Algebra
- O-Level/IGCSE only with A or B → Pre-Calculus
- IB Math Studies (Standard Level) with 4 or below → College Algebra
- IB Math Studies (Standard Level) with 5 or higher → Pre-Calculus
- IB Math SL (Standard Level) with 4 or below → Pre-Calculus
- IB Math SL (Standard Level) with 5 or higher → Calculus
- IB Math HL (Higher Level) 1 or 2 → Pre-Calculus
- IB Math HL (Higher Level) 3 or higher → Calculus
- American Diploma: Algebra 2 or Geometry with C or below → College Algebra
- American Diploma: Algebra 2 or Geometry with A or B → Pre-Calculus
- American Diploma: Pre-Calculus or Trigonometry with C or below → Pre-Calculus
- American Diploma: Pre-Calculus or Trigonometry with A or B → Calculus
- Other Diplomas: B or above in an intensive course handling functions (including polynomial, exponential, logarithmic, trigonometric, rational and radical functions families), with graphing and applications → Calculus; C or below → Pre-Calculus.

Notes

1. Students placed into a math track who think they should move either up or down must meet with a mathematics faculty at Ashesi to discuss their math placement by Friday of orientation week. Final math placement will be determined at the end of the second week

of classes. Moving to a lower level class may not be possible for some scholarship students due to financial implications.

2. All students who have not taken mathematics in the last two calendar years will be placed into either College Algebra or Pre-Calculus, regardless of the above guidelines; Such students should sign up for an appointment with a mathematics faculty member at Ashesi if they wish to discuss their placement.
3. Students who do not pass their mathematics class(es) will need to either change their mathematics track or repeat the class(es). In either case, additional tuition and fees will apply, and an additional summer at Ashesi may be required. Scholarship students must inform the Director of Admissions and Financial Aid if they get off track from their major class year group for any reason.

Timing of Mathematics Pathways and Implications:

1. BA/MIS/CS, placed into **College Algebra**:

**College Algebra (Year 1, Semester 1) → Pre-Calculus 1 (Year 1, Semester 2) →
Pre-Calculus 2 (Year 1 Summer [June-July] - Tuition & Fees Apply) →
Applied Calculus (Year 2 Summer [June-July] – Tuition waived, fees still apply)**

2. BA/MIS/CS, placed into Pre-Calculus

**Pre-Calculus 1 (Year 1, Semester 1) → Pre-Calculus 2 (Year 1, Semester 2) →
Applied Calculus (Year 1 Summer [June-July] - Tuition waived, fees still apply)**

3. BA/MIS/CS, placed into Calculus

Calculus 1 (Year 1, Semester 1) → Calculus 2 (Year 1, Semester 2)

4. Engineering, placed into Calculus (4 year plan)

Calculus 1 (Year 1, Semester 1) → Calculus 2 (Year 1, Semester 2)

5. Engineering, placed into Pre-Calculus (5 year plan, not available to certain scholarship students)

Pre-Calculus 1 (Year 1, Semester 1) → Pre-Calculus 2 (Year 1, Semester 2) →

Calculus 1 (Year 1, Semester 1) → Calculus 2 (Year 1, Semester 2)

Year 3 becomes Year 2 in Engineering, student graduates in 5 years

Note: Students who do not pass their mathematics class(es) will need to either change their mathematics track or repeat the class(es) in a future semester. In either case, additional tuition and fees will apply, and an additional summer at Ashesi may be required. Scholarship students must inform the Director of Admissions and Financial Aid if they get off track from their major class year group for any reason.