

Mathematics Assessment for Bachelor in Business Administration, Bachelor in Economics and Bachelor in Philosophy, Politics, Law and Economics (PPLE)



The Mathematics Assessment is a section of the IE University Admissions Test designed for candidates applying to quantitative programs within the areas of Business, Economics and Social Sciences.

This assessment helps the Admissions Committee evaluate the applicant’s mathematical readiness and quantitative reasoning skills, which are fundamental for success in these academic fields.

The Mathematics Assessment forms part of IE University’s holistic admissions process and is considered alongside all other elements of the candidate’s application.

Programs Requiring the Mathematics Assessment

The Mathematics Assessment is required for candidates applying to:

- Bachelor in Business Administration (BBA)
- Bachelor in Economics (BIE)
- Bachelor in Philosophy, Politics, Law and Economics (PPLE)
- Dual Degree in Economics & International Relations
- All Business Administration Dual Degrees

Assessment Overview

- **Duration:** 15 minutes.
- **Language:** The assessment is conducted exclusively in English.
- **Calculator Policy:** No calculator is required or permitted. Candidates only need paper and pen for calculations.

Topics Evaluated

The assessment is designed to evaluate knowledge in Algebra and Calculus. Topics may include:

ALGEBRA

- Equations
- Inequalities

CALCULUS

- Limits
- Derivatives
- Integrals

Assessment Structure

The Mathematics Assessment consists of:
Duration of the section: 60 minutes.

TOPIC	NUMBER OF QUESTIONS
Algebra	2
Equations	2
Inequalities	2
Limits	2
Derivatives	2
Integrals	2

Total: 12 questions completed within 15 minutes.

How the Mathematics Assessment is Used

The Mathematics Assessment is an important component of the admissions process for these programs. However, it does not independently determine an admissions decision.

IE University follows a holistic admissions approach, considering multiple dimensions of each candidate’s profile, including:

- Academic performance
- Admissions assessments
- Personal profile
- Motivation
- Interviews and other application components

The Mathematics Assessment therefore contributes to, but does not solely determine, the final admissions outcome.

Assessment Instructions

Candidates should keep the following guidelines in mind:

- Manage your time carefully throughout the assessment.
- Only one answer is correct for each question.
- If unsure, select “I don’t know the answer”, which neither adds nor deducts points.
- Questions may be skipped initially and revisited later.
- All questions must ultimately receive a response before submission.

Preparing for the Assessment

To help candidates familiarize themselves with the format and level of difficulty of the Mathematics Assessment, IE University provides a sample test and preparation materials.

Candidates are encouraged to review the sample assessment prior to completing the admissions process.