

# ADVANCED PLACEMENT EXAM FOR MATH 21

14 JULY 2023

1:00PM - 3:00PM

## Who may take the exam?

The Math 21 APE may be taken by incoming freshman students admitted to degree programs that require Math 21 who have taken Basic Calculus in STEM or equivalent strand of K-12 or passed the Math 20 Validation Exam.

## What are the requirements for application?

- Completely filled out application form  
*Link to the application form:* <https://bit.ly/3Jg40Jc>
- UP Admission Notice
- Certified true copy of High School Transcript of Records
- Certification that the student has taken Basic Calculus in SHS or Certification of passing the Math 20 Validation Exam
- Two recent 2x2 ID photo
- Valid photo identification card with signature

## How to apply?

Express your intent to take the examination by answering the following Google form:

<https://forms.gle/PNSavASkCkXkmrPK9>

Submit filled out application form with recent 2x2 ID photos and other requirements (enumerated above) to the Office of the Secretary of the College of Science.

**Deadline of Application:** 11 July 2023 (Tuesday)

## When and where will the exam be administered?

The exam will be administered face-to-face on 14 July 2023 (Friday), 1:00PM-3:00PM, at the Institute of Mathematics. Room assignments will be posted at the entrance of the building.

## What to bring for the exam?

- Examination permit issued by the College Secretary
- Valid photo identification card with signature
- Non-erasable black or blue pen

## What is the coverage of the exam?

The exam covers limits and continuity, derivatives of algebraic and transcendental functions (exponential, logarithmic, trigonometric, hyperbolic, and their inverses), applications of derivatives, antiderivatives and definite integrals, Fundamental Theorem of Calculus, and applications of the definite integral.

*Link to Math 21 syllabus:* <https://bit.ly/43ROM5e>

## For more information, contact:

**Ms. Janeth Mabaquiao**

Office of the Secretary

College of Science

Tel No. 89818500 loc. 3816

**Ms. Guey Ruiz**

Institute of Mathematics

Tel No. 89818500 loc. 3861

or 89201009