GENERAL EDUCATION CENTER
OFFICE OF THE VICE CHANCELLOR FOR ACADEMIC AFFAIRS
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MEMORANDUM NO. GEC-OVCAA-CEPL 26-004

TO : ALL DEANS, DIRECTORS, HEADS OF ACADEMIC UNITS, AND GE COORDINATORS
ALL GE FACULTY MEMBERS

THROUGH : **MARIA VANESSA P. LUSUNG-OYZON, Ph.D.**
Vice Chancellor for Academic Affairs

FROM : **CHARLES ERIZE P. LADIA**
Director

SUBJECT : Invitation to the Third LINANGAN 2026-2027 Webinar, *"Mathematics in the Modern World: Numbers and the Art of Decision-Making"*
"

DATE : 12 October 2026

We are pleased to inform you that the second webinar of the General Education Center (GEC)'s **LINANGAN: The GE Faculty Development Extension Program 2026–2027**, titled *"Readings in Philippine History: Remembering as an Act of Critical Thinking,"* was attended by over 2,000 GE faculty members from UP Constituent Universities (CUs), various state universities and colleges (SUCs), local universities and colleges (LUCs), higher education institutions (HEIs), and other academic institutions.

As the GEC celebrates its 10th anniversary, the LINANGAN 2026–2027 Program forms part of its continuing commitment to strengthening the teaching and learning of General Education in the Philippines. Following the successful second webinar, eight more webinars will be conducted under the program. Through the GEC's coordination with UP CUs, CHED regional offices, and various SUCs, LUCs, and HEIs, we hope to reach more GE faculty members and provide opportunities for further professional development and exchange of knowledge and practices in GE teaching.

In line with this, the GEC respectfully requests your good office to endorse the **third LINANGAN webinar, *"Mathematics in the Modern World: Numbers and the Art of Decision-Making."*** It will be held on **26 October 2026 (Monday), from 9:00 AM to 12:00 PM, via Zoom** and will be simultaneously livestreamed **on the GEC's YouTube channel**. Attached are the publication materials for your endorsement and dissemination.

Should you have any questions or concerns, please do not hesitate to contact us at gec_ovcaa.upd@up.edu.ph and/or Ms. Khiara Quenzelle Belleca at kdbelleca@up.edu.ph.

Thank you.

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Mathematics in the Modern World: Numbers and the Art of Decision-Making

Third Webinar Details

I. Overview

The third webinar explores the role of Mathematics in interpreting information, evaluating problems, dealing with uncertainty, understanding situations, and making responsible and informed judgments and decisions in everyday life. It develops students' mathematical literacy and critical thinking for navigating an increasingly complex, data-driven, and digital society. The session presents mathematics not merely as a tool for computation, but as a way of thinking that enables students to understand and meaningfully engage with the modern world.

II. Some Questions for Discussion

RESOURCE SPEAKER 1

1. How can the GE faculty use real-world issues and quantitative evidence to help students question assumptions, recognize misleading information, and make informed decisions about matters that affect individuals and society?
2. Beyond computation, how does mathematical reasoning contribute to a student's holistic and principled development?

RESOURCE SPEAKER 2

1. How can population and demographic statistics be taught in a way that helps students connect numbers to the real issues affecting people's lives, instead of treating them as abstract figures?
2. In addressing gender gaps and population concerns, how can GE electives like Demo 1 advocate for a numbers-literate and socially aware student body, both within and beyond the University?

III. Webinar Flow

Time		Activity	Personnel Involved
Start	End		
8:50 AM	9:05 AM	Assembly	All
9:05 AM	9:15 AM	Introduction and House Rules	Moderator
9:15 AM	9:25 AM	Opening Remarks	OILD Director
9:25 AM	10:15 AM	Discussion 1	Speaker 1
10:15 AM	10:20 AM	Health Break	All
10:20 AM	11:10 AM	Discussion 2	Speaker 2
11:10 AM	11:15 AM	Health Break	All
11:15 AM	11:45 AM	Open Forum	All
11:45 AM	11:50 AM	Closing Remarks	Moderator
11:50 AM	12:00 NN	Certificates, Picture Taking, and Final Reminders	Moderator

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University of the Philippines Diliman

LINANGAN

THE GE FACULTY DEVELOPMENT EXTENSION PROGRAM 2026-2027

SEPTEMBER 2026 - MAY 2027

For more information about LINANGAN, visit or scan the QR code:

https://gec.upd.edu.ph/ge-faculty-development/ge-webinars/

SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION

17 PARTNERSHIPS FOR THE GOALS

General Education Center
Office of the Vice Chancellor for Academic Affairs
University of the Philippines Diliman

LINANGAN

THE GE FACULTY DEVELOPMENT EXTENSION PROGRAM 2026-2027

MATHEMATICS IN THE MODERN WORLD

Numbers and the Art of Decision-Making

OCTOBER 26, 2026, 9:00AM - 12:00NN, VIA ZOOM

To register, you may type/click the link or scan the QR code:

https://bit.ly/4jAEfAeb

SUSTAINABLE DEVELOPMENT GOALS

4 QUALITY EDUCATION

5 GENDER EQUALITY

10 REDUCED INEQUALITIES

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THE GE FACULTY DEVELOPMENT EXTENSION PROGRAM 2026-2027

MEET THE SPEAKERS AND MODERATOR

MATHEMATICS IN THE MODERN WORLD
Numbers and the Art of Decision-Making



Beyond numbers and formulas: Mathematics and the Critical Mind

DR. FIDEL R. NEMENZO

- Professor of Mathematics and former Chancellor of the University of the Philippines Diliman
- Earned MS and DSc in Mathematics from Sophia University, Tokyo; published research on number theory, elliptic curves, and coding theory
- Headed the Science and Society Program (UPD College of Science) and the Data Science for Public Policy Program (UP CIDS)
- Awarded the Achievement Award in Mathematics (National Research Council of the Philippines) and the Gawad Tsanselor para sa Pinakamahusay na Guro (UP Diliman)



From counting people to making people count: How Demography can help us understand people's lives and make better decisions for society

DR. MARIA MIDEA M. KABAMALAN

- Professor of Demography, Population Institute, College of Social Sciences and Philosophy, UP Diliman
- Earned MA and PhD in Sociology, University of Hawai'i at Manoa; MA in Demography, UP Population Institute; BS in Mathematics, University of Santo Tomas
- Led national and large-scale surveys on youth and migration; published research on marriage, fertility, families and households, and quantitative survey methods; teachers Demo 1 (Population Studies in the Contemporary World)

Moderator

DR. ALEXIS RICHARD C. CLARIDADES

- Associate Professor and Assistant Department Chair for Academic Affairs, Department of Geodetic Engineering, UP Diliman
- Earned PhD in Engineering in Geoinformatics, University of Seoul, South Korea; specializes in GIS, 3D GIS, spatial data modeling, and urban applications of GIS
- Awarded UP Scientist I (2024); UP College of Engineering Most Outstanding Engineering Researcher (2026)



SUSTAINABLE DEVELOPMENT GOALS