

ADVISORY No. 179 s. 2024  
July 31, 2024

In compliance with DepEd Order (DO) No. 8, s. 2013  
this advisory is issued not for endorsement per DO 28, s. 2001,  
but only for the information of DepEd officials,  
personnel/staff, as well as the concerned public.

**INVITATION TO THE MATHEMATICAL SCIENCES MONTH 2024**

The UPLB Mathematical Sciences Society (UPLB MASS) is inviting learners and teachers from public and private secondary schools in Region V to the Mathematical Sciences Month 2024.


Activities, competitions, schedules, registration fee and payments and other details of the activity are indicated in the attached letter from UPLB MASS.

For other queries, please contact Erika Leanne R. Tined, President, at CP number +639171799196.

Participation to this event is on **VOLUNTARY BASIS ONLY**.

For information.

CLMD/lhb  
07/31/2024



Republika ng Pilipinas  
**Kagawaran ng Edukasyon**  
REHIYON V  
TANGGAPANG PANSANGAY NG MGA PAARALAN NG LUNGSOD NAGA

DEPED. DIVISION OF NAGA CITY  
RECORDS SECTION  
**RELEASED**  
24079308  
DATED 2 AUG 2024 TIME: \_\_\_\_\_  
BY: \_\_\_\_\_


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August 2, 2024

To: Assistant Schools Division Superintendent  
Chief Education Supervisors  
CID and SGOD Personnel  
OSDS Unit Heads  
Public & Private Secondary School Heads  
All Others Concerned

**RECEIVED**  
ICT  
02 AUG 2024  
4:00 PM

For information.

  
**SUSAN S. COLLANO CESO V**  
Schools Division Superintendent

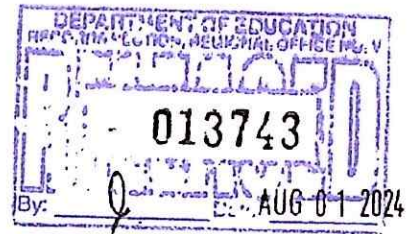
DM 31, s. 2019 Rider Rev. 01



✉ Roxas Avenue, Brgy. Triangulo, Naga City, Camarines Sur  
☎ 0981 630 0070  
✉ naga.city@deped.gov.ph



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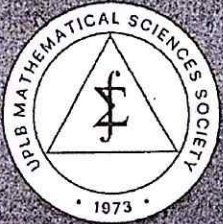
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For information.

CLMD/lhb  
07/31/2024

24079308  
02 AUG 2024



# UNIVERSITY OF THE PHILIPPINES LOS BAÑOS MATHEMATICAL SCIENCES SOCIETY

2F Francisco O Santos Hall, University of the Philippines Los Baños, College, Laguna 4031

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## EXECUTIVE COUNCIL AY 2024-2025

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VICE PRESIDENT FOR  
SCHOLASTICS DIVISION

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STATISTICS ADVISER

26 July 2024

**Gilbert T. Sadsad**  
*Regional Director, Region V*  
Department of Education

**RE: Advisory of the Mathematical Sciences Month (MSM) 2024**

Dear Mr. Sadsad:

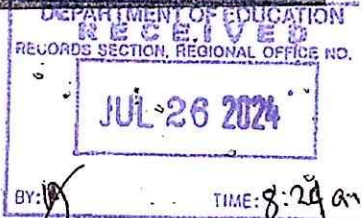
Warm greetings!

We are the **UPLB Mathematical Sciences Society (UPLB MASS)**, a duly recognized organization of the University of the Philippines Los Baños and a recipient of the Seal of Excellence in Leadership Award. In our 50 years of existence, we have been committed to promoting deeper appreciation and wider application of mathematical sciences by involving our university constituents and the Filipino masses.

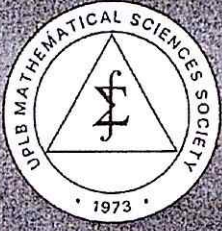
In line with this objective, we will be conducting our **Mathematical Sciences Month 2024** this incoming **1st to 26th of October 2024**. This year's month-long celebration will focus on the theme, "**LIVE NOW: Unboxing Mathematical Sciences in the Digital Age,**" highlighting the intersection of Mathematical Sciences and Social Media.

The following are the activities and competitions that will be held for the said event:

- 1. National Mathematical Challenge (MATHEMATCH) 2024**
  - A 3-member team quiz competition open to all Junior High School and Senior High School students nationwide.
- 2. Teachers' Seminar**
  - A seminar for the coaches/teachers of the participating students in the National Mathematical Challenge (MATHEMATCH) 2024 that aims to enhance their understanding and application of key concepts related to the event's theme.
- 3. STAT the Fact 2024**
  - An online infographics making competition that challenges participants to create an infographic based on this year's theme for the National Statistics Month open to all Junior High School and Senior High School students nationwide.



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02 AUG 2024



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#### 4. CyberSine 2024

- An online short video making competition that aims to celebrate the significance of Computer Science within this year's Mathematical Sciences Month theme open to all Junior High School and Senior High School students nationwide.

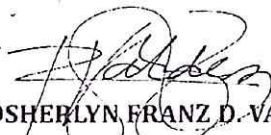
In this regard, we would like to ask for your good office for the **issuance of DepEd Advisory** of the following events and its **dissemination** to the secondary schools of the region.


1. National Mathematical Challenge (MATHEMATCH) 2024
2. Teachers' Seminar
3. STAT the Fact 2024
4. CyberSine 2024

This is so that we may be able to expand our reach and allow the participation of more schools in our activities that would hugely contribute to this event's objective. For your perusal, attached are more details regarding our organization and the said event.

We are hoping for your favorable response on this matter. Thank you very much!

Sincerely yours,

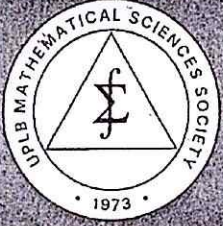
  
ROSHERLYN FRANZ D. VALDEZ  
Vice/President for Scholastics Division

  
ERIKA LEANNE R. TINED  
President

Recommending Approval:

  
ASST. PROF. RAMONCITO G. CABEL  
Senior Adviser

24079308  
02 AUG 2024



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## ORGANIZATIONAL BACKGROUND

The UPLB Mathematical Sciences Society, established in 1973, has been one of the duly recognized academic organizations of the University of the Philippines Los Baños and a recipient of the Seal of Excellence in Leadership Award from the Office of Student Affairs (OSA). It is comprised of BS Mathematics, BS Applied Mathematics, BS Computer Science, BS Mathematics and Science Teaching Major in Math, and BS Statistics students who are committed to upholding the goal of the society: to contribute to the development of the Filipino nation by cultivating deeper appreciation and wider application of mathematical sciences, by fostering academic excellence towards social relevance, and by being involved with the rest of the university constituency and Filipino masses.

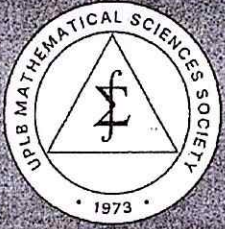
## CONTACT INFORMATION

Address: 2nd Floor, Francisco O. Santos Hall, University of the Philippines Los Baños, College, Laguna, 4031

E-mail Address: uplbmass1973@gmail.com

|                |                  |  |
|----------------|------------------|--|
| Mobile Number: | +63 977 802 9363 | <b>Rosherlyn Franz D. Valdez</b><br><i>Vice President for Scholastics Division</i> |
|                | +63 960 427 1859 | <b>Lance Andrei B. Gonzales</b><br><i>Scholastics Division Secretary</i>           |
|                | +63 917 179 9196 | <b>Erika Leanne R. Tined</b><br><i>President</i>                                   |

24079308  
@ 2 AUG 2021



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## EVENT INFORMATION

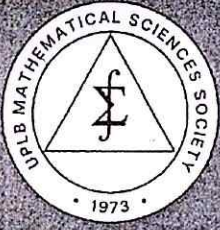
Event Name: Mathematical Sciences Month 2024

Date: October 1, 2024 - October 26, 2024

## SCHEDULE OF ACTIVITIES

| DATE             | TIME                  | ACTIVITY / EVENT   |
|------------------|-----------------------|--|
| October 7, 2024  | 10:00 AM              | Posting of STAT the Fact 2024 Entries                                  |
| October 12, 2024 | 5:00 PM               | Announcement of STAT the Fact 2024 Winners                             |
| October 14, 2024 | 10:00 AM              | Posting of CyberSine 2024 Entries                                      |
| October 19, 2024 | 5:00 PM               | Announcement of CyberSine 2024 Winners                                 |
| October 26, 2024 | 8:30 AM -<br>10:30 AM | National Mathematical Challenge (MATHEMATCH)<br>2024 Preliminary Round |
|                  |                       | Teachers' Seminar  |
|                  | 1:00 PM -<br>5:00 PM  | National Mathematical Challenge (MATHEMATCH)<br>2024 Final Round       |

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## CONTEST AND EVENT DETAILS

### 1. NATIONAL MATHEMATICAL CHALLENGE (MATHEMATCH) 2024

#### GENERAL INFORMATION

The UPLB Mathematical Sciences Society annually hosts the Southern Tagalog Invitational Mathematical Challenge, better known as MATHEMATCH. In line with the Society's goal of promoting deeper appreciation and wider application of mathematical sciences, and following the success of last years' National Mathematical Challenge (MATHEMATCH), the Society is again conducting this competition nationwide for its 4th iteration.

#### I. ELIGIBILITY

- A. MATHEMATCH is a team competition open to all Junior and Senior High School students from any secondary schools (public or private) nationwide.
- B. Each participating school can send a maximum of two (2) teams consisting of only 3 students each, with at least one junior high school student in each competing team.
- C. Participation in this competition means adhering to the competition guidelines set by the UPLB Mathematical Sciences Society.

#### II. INTEGRITY

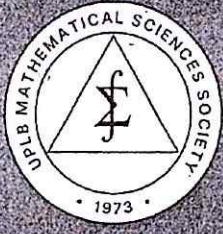
- A. It should be the responsibility of everyone concerned, including but not limited to the UPLB Mathematical Sciences Society members, event partners, judges, and participating schools to protect and maintain the integrity of this competition.

#### III. REGISTRATION AND DEADLINES

##### A. REQUIREMENTS

1. Interested participants should register through [https://bit.ly/MSM2024\\_MATHEMATCHRegistration](https://bit.ly/MSM2024_MATHEMATCHRegistration) to secure their slots for the competition. The early-bird registration period shall start on August 30, 2024 at 8:00 AM and end on September 20, 2024 at 11:59 PM. The regular registration period shall start on September 21, 2024 at 12:00 AM and end on October 12, 2024 at 11:59 PM. Only a maximum of 40 schools will be accommodated, following a first come, first served basis.

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02 AUG 2024



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2. Upon registration, participants must accomplish and submit the following in pdf:
  - a) A copy of their most recent *School ID* (in case the school has not yet issued their school ID for A.Y. 2024-2025, the participant can submit *any high school ID or valid ID with the participant's picture*);
  - b) Any *Proof of Enrollment* for A.Y. 2024-2025 (*Certificate of Enrollment, signed by the school's registrar or principal, participants may also use this template: [https://bit.ly/MATHEMATCH2024\\_COE](https://bit.ly/MATHEMATCH2024_COE)*); and,
  - c) *Consent Form* signed by either parent / guardian ([https://bit.ly/MATHEMATCH2024\\_ConsentForm](https://bit.ly/MATHEMATCH2024_ConsentForm)).
3. The UPLB Mathematical Sciences Society reserves the right to extend the registration period. In case of such adjustments, announcements will be made through the official page of MATHEMATCH ([facebook.com/NatlMATHEMATCH](https://facebook.com/NatlMATHEMATCH)).

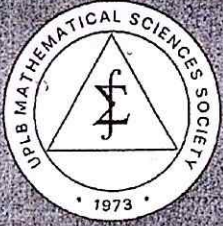
## B. REGISTRATION FEE AND PAYMENTS

1. The **registration fee** for this competition is as follows:
  - a) Early-bird Registration
    - o The early-bird registration fee is **PhP 1,800 per team**. It will start on **August 30, 2024 at 8:00 AM** and end on **September 20, 2024 at 11:59 PM**.
  - b) Regular registration
    - o The regular registration fee is **PhP 2,000 per team**. It will start on **September 21, 2024 at 12:00 AM** and end on **October 12, 2024 at 11:59 PM**.

This fee will cover expenses related to the competition such as the materials to be used, foods, and tokens but not accommodation for participants. If the participant needs accommodation for the competition, the UPLB MASS may give a list of accommodations but is not liable for any related expenses.

2. Upon submission of the registration form, an invoice will be sent via email containing details and instructions for the registration fee payment. The **slot for the team will only be considered confirmed once payment has been made**.
3. The **deadline of payment is until October 19, 2024**. Payments to be made beyond the deadline are subject to a penalty of **PhP 200**.
4. The UPLB Mathematical Sciences Society reserves the right to extend the payment deadline. In case of such adjustments, announcements will be made through the official page of MATHEMATCH ([facebook.com/NatlMATHEMATCH](https://facebook.com/NatlMATHEMATCH)).

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## IV. COMPETITION MECHANICS

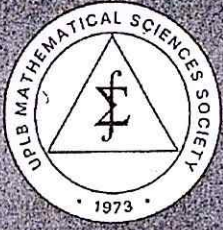
### A. GENERAL MECHANICS

1. In the preliminary stage of the competition, the test will consist of 40 questions, divided evenly with 25% covering **Algebra and Arithmetic**, 25% focusing on **Calculus**, 25% dedicated to **Geometry and Logic**, and the remaining 25% on **Statistics and Trigonometry**. Well-screened questions will be created and verified by UPLB professors who will also serve as judges in the final round.
2. The entire competition shall be held on **October 26, 2024**. The registration will start at **7:00 AM**. Contestants may proceed to their respective room assignments by **8:00 AM**, thirty (30) minutes before the start of the preliminary round.
3. The preliminary round shall start at **exactly 8:30 AM** while the final round shall start at **exactly 1:00 PM** of the same day.
4. The contestant must be at the designated venue at least thirty (30) minutes before the start of the competition.
5. The venue for both preliminary and final rounds are to be announced but will be held within the University of the Philippines Los Baños campus.
6. There shall be no changes made in the line-up of the contestants once the registration has ended. In case one of the students cannot participate in the competition for any valid reason, the school should send an email to UPLB MASS stating the reason for non-participation of the student and shall provide an alternate student.
7. The use of calculators, slide rules, mathematical tables, gadgets, electronic devices, and the like by the contestants is **NOT ALLOWED** in the competition.
8. Clarification regarding the rules and regulations shall be entertained by the Academic Affairs Committee of the UPLB Mathematical Sciences Society before the competition.
9. The UPLB Mathematical Sciences Society reserves the right to disqualify any contestants who will not follow the competition guidelines. The organization also reserves the right to change and amend the competition rules given that there is enough time to disseminate the information. See [https://bit.ly/MATHEMATCH2024\\_DisqualificationGuidelines](https://bit.ly/MATHEMATCH2024_DisqualificationGuidelines) for the disqualification guidelines.

### B. PRELIMINARY ROUND MECHANICS

1. The preliminary round will be in the form of a **closed-door individual written examination** wherein the scores of the 3 members of the team will be added.
2. The contestants shall be given **two (2) hours** to answer **40 questions**. For detailed instructions for the answer to the questions, please refer to **Section V** of the guidelines.
3. Contestants who arrive late will still be allowed to take the examination. However, no time extension will be given to them.

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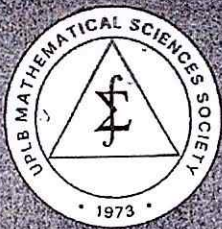
@uplbmass1973

4. For this round, each contestant will be given a questionnaire and an answer sheet. Scratch papers will also be provided. A contestant must bring at least **(2) pens with permanent ink** and write their final answers on the answer sheet **using black or blue ink only**.
5. Misbehavior of a contestant during the examination such as cheating, physical aggression, and disruptive behavior, as determined by the proctor, is sufficient condition for the disqualification of the contestant concerned.
6. The **Top twenty (20) teams** who will garner the highest accumulated scores in the elimination round will advance to the **final round**. In case of a tie, the **tiebreaker** will be determined by **which team has the highest scorer**. The finalists will be informed via SMS and their names will also be published on the official Facebook page of the National Mathematical Challenge ([facebook.com/NatlMATHEMATCH](https://facebook.com/NatlMATHEMATCH)).

## C. FINAL ROUND MECHANICS

1. The final round will be in the form of a **timed oral examination** and shall be conducted in English.
2. Clarifications from the contestants will be acknowledged only after the correct answer for that question has been given by the quizmaster. The contestant should raise their flag should they have any clarifications.
3. The contestant may speak once they are recognized by the quizmaster. Afterwards, the contestant may address his question or clarification to the judges. The judges' decision is final and irrevocable.
4. Answers to the question must be written on a white board using a marker that will be provided to each team.
5. The final round will be divided into 3 rounds - Easy, Average, and Difficult.
  - a) Easy Round
    - o Ten (10) questions will be asked. Each question will be read twice.
    - o Each team will be given thirty (30) seconds to answer each question.
    - o A correct answer garners 5 points. Wrong answers and no answers will garner no points.
  - b) Average Round
    - o Seven (7) questions will be asked. Each question will be read twice.
    - o Each team will be given sixty (60) seconds to answer each question.
    - o A correct answer garners 7 points. Wrong answers and no answers will garner no points.
  - c) Difficult Round
    - o Five (5) questions will be asked. Each question will be read twice.
    - o Each team will be given ninety (90) seconds to answer each question.

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- o A correct answer garners 10 points. Wrong answers and no answers will garner no points.
- d) Tie breaker Round
  - o The tie breaker round is only for the case of a tie in the Top 3 positions after the difficult round.
  - o Questions are to be asked until one team gets the correct answer. Each question will be read twice.
  - o Teams may start answering the questions after the question is read once.
  - o Teams will be given sixty (60) seconds to answer each question.
  - o The first team to submit the correct answer will be declared the winner for the tie-breaker round.
- 6. The accumulated points from the Easy, Average, and Difficult Rounds shall determine the winners for this competition.

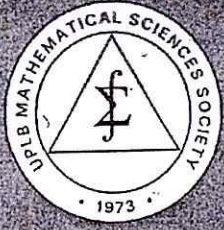
## V. INSTRUCTIONS FOR ANSWERS

- A. Answers should be in simplest form unless specified.
- B. Fractions should be in lowest terms.
- C. Do not express your answers in decimal form.
- D. Answers should have units when applicable.
- E. If a question asks for more than one answer, separate your answers using comma/s. (eg. 2, 3, 5)
- F. Do not approximate constants such as  $e$  or  $\pi$ .
- G. Use dash (-) for negative and/or subtraction signs.
- H. Leave the answer sheet blank if you do not have an answer for the item.

## VI. WINNERS AND PRIZES

- A. Participants will receive certificates for their participation.
- B. The Top 20 team finalists will each receive a certificate of recognition.
- C. The Top scorer for the preliminary round will receive a certificate of recognition and a medal.
- D. The final round winners will receive certificates of recognition and the corresponding prizes:

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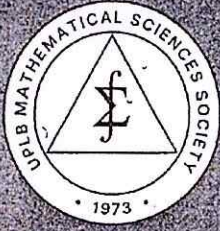
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| Place     | Prize                                   |
|-----------|---|
| 1st Place | PhP 15,000 cash, 3 medals, and a trophy |
| 2nd Place | PhP 10,000 cash, 3 medals and a trophy  |
| 3rd Place | PhP 5,000 cash, 3 medals and a trophy   |

- E. The winners of this competition will be announced after the tabulation of scores. A separate post for the winners of this competition will also be published through the official page of MATHEMATCH ([facebook.com/NatlMATHEMATCH](https://facebook.com/NatlMATHEMATCH)) and UPLB MASS ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).

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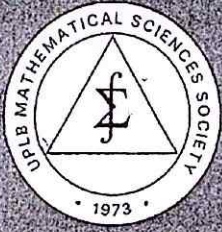
## 2. TEACHERS' SEMINAR

### GENERAL INFORMATION

The UPLB Mathematical Sciences Society organizes a seminar during the Mathematical Sciences Month 2024 celebration aimed at enhancing educators' understanding and application of key concepts related to the event's theme.

1. The seminar is **open to all teachers and coaches** participating in the National Mathematical Challenge (MATHEMATCH) 2024. See [https://bit.ly/MATHEMATCH2024\\_Guidelines](https://bit.ly/MATHEMATCH2024_Guidelines) for more information.
2. There is **no entry or registration fee** for this event.
3. The seminar will be held on **October 26, 2023 at 8:30 AM to 10:30 AM**, while the preliminary round of MATHEMATCH is ongoing.
4. The venue for the event is to be announced. Updates regarding the event will be posted in the official Facebook page of UPLB MASS ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).
5. A certificate of participation will be given to each participant of the seminar.

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02 AUG 2024



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## 3. STAT THE FACT 2024: "Advancing Data and Statistics Through Digital Transformation: A Road to an Empowered Nation"

### GENERAL INFORMATION

In celebration of the National Statistics Month and in line with the Society's commitment to promoting a deeper appreciation and wider application of mathematical sciences, the inaugural STAT the Fact is being introduced. This is a nationwide online infographics making competition that aims to encourage creativity and analytical thinking by challenging participants to create an infographic based on this year's National Statistics Month theme in a visually compelling and informative manner, thereby showcasing their skills in visual communication.

#### I. ELIGIBILITY

- This online Infographics Making Competition is **open to all Junior and Senior High School students nationwide**.
- Each participating school must be represented by a **maximum of 2 registered students only**.
- There is **no registration fee** for this competition.
- Participation in this competition means adhering to the competition guidelines set by the UPLB Mathematical Sciences Society.

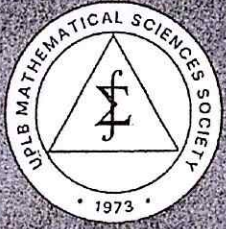
#### II. REGISTRATION AND DEADLINES

##### A. REGISTRATION REQUIREMENTS

- Interested participants should register through [https://bit.ly/MSM2024\\_STATtheFactRegistration](https://bit.ly/MSM2024_STATtheFactRegistration) to secure their slots for this competition. The registration period shall start on **August 26, 2024 at 8:00 AM** and will end on **September 21, 2024 at 11:59 PM**. Only a maximum of **30 participants** will be accommodated, following a first come, first served basis. A registration confirmation will be sent via email.
- Upon registration, participants must accomplish and submit the following in pdf:
  - A copy of their most recent *School ID* (in case the school has not yet issued their school ID for A.Y. 2024-2025, the participant can submit *any high school ID or valid ID with the participant's picture*);
  - Any Proof of Enrollment* for A.Y. 2024-2025 (*Certificate of Enrollment signed by the school's registrar or principal, participants may also use this template: <https://bit.ly/STATtheFact COE>*).

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3. The UPLB Mathematical Sciences Society reserves the right to extend the registration period. In case of such adjustments, announcements will be made through the official page of MATHEMATCH ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).

## B. ENTRY DEADLINE

1. All entries must be submitted on or before **September 24, 2024 at 11:59 PM** through [https://bit.ly/MSM2024\\_STATtheFactSubmission](https://bit.ly/MSM2024_STATtheFactSubmission). Entries submitted after the deadline may be disqualified.
2. The UPLB Mathematical Sciences Society reserves the right to extend the submission deadline. In case of such adjustments, registered participants will be notified *via* email.
3. All entries will be posted in the official Facebook Page of UPLB MASS ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)) on **October 7, 2024** during the organization's celebration of the Mathematical Sciences Month 2024.

## III. COMPETITION MECHANICS

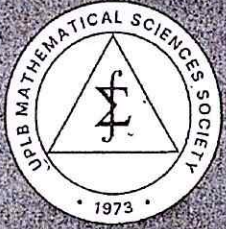
- A. Participants must create an infographic that explains any concept or idea about statistics in relation to this year's National Statistics Month theme - "**Advancing Data and Statistics Through Digital Transformation: A Road to an Empowered Nation**". The infographic must only contain factual information, properly referenced in **APA format**. Moreover, the infographics should NOT contain foul, offensive, or controversial content.
- B. Only **one entry** may be submitted per participant
- C. The entries must be written/composed in **English or Tagalog**.
- D. The dimensions of the infographic must be at least **1080 x 1920 px** or **9x16 inches** in size and in **portrait orientation**. It must be submitted in **PNG format** which shall not exceed **20 MB** in size.

## IV. CRITERIA FOR JUDGING

- A. Entries will be judged using the following criteria:

| Accuracy of Information (30%)   | Points |
|---|--------|
| Information found within the infographic is accurate.                       | 4      |
| The concepts discussed in the infographic are properly cited in APA format. | 4      |
| The concepts discussed are supported by a sufficient number of sources.     | 4      |
| Information came from credible sources.                                     | 4      |

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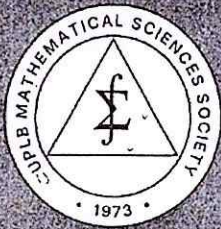
uplbmass1973@gmail.com

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|   |             |
|---|-------------|
| <b>Relevance to the Theme (25%)</b>   |             |
| The infographic aligns with concepts related to the role of modern technology in statistics.  | 4           |
| The infographic conveys a clear understanding of the application of modern technology in statistical analysis.  | 4           |
| <b>Style/Creativity (25%)</b>   |             |
| The concepts are effectively translated to visual form (graphics, color, text and design wise).   | 4           |
| The infographic exhibits a highly compelling appeal to viewers.   | 4           |
| The graphics and other visuals used are necessary and relevant to the infographic.  | 4           |
| The words in the infographic are readable.  | 4           |
| <b>Conciseness (15%)</b>  |             |
| The contents of the infographic are easy to understand.   | 4           |
| The infographic is not wordy.   | 4           |
| The infographic discusses statistical analysis concepts, focusing on data collection, visualization, and interpretation through digital transformation. | 4           |
| <b>Spelling and Grammar (5%)</b>  |             |
| There are no grammatical and mechanical errors in the infographic.  | 4           |
| The concepts and/or topics in the infographic are easily understandable because of the lexicon used by the participant.                                 | 4           |
| <b>TOTAL</b>  | <b>100%</b> |

- B. The top three highest scorers will be declared the 1st, 2nd, and 3rd place winners based on their obtained scores. In the event of tie for any placement, the winner will be determined by the number of heart reactions from eligible voters (*refer to section V. A. 3.*) on the respective posts of their entries on the UPLB MASS Official Facebook page ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).
- C. The judges' decision is final and irrevocable.

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## V. PEOPLE'S CHOICE AWARD

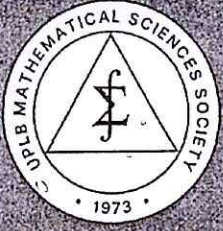
- A. Aside from the top three winners, there will be a People's Choice Award, which will be determined based on the number of Facebook reactions. The criteria for the People's Choice Award will be as follows:
1. The voting shall commence as soon as the entries are posted in the UPLB MASS Official Facebook page ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)) and it will run until **October 11, 2024 at 5:00 PM**.
  2. Only 'Heart' reacts will be counted. A voter may react on more than one entry.
  3. Voters must **like** and **follow** the UPLB MASS Official Facebook page ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)), otherwise their vote will not be counted.
  4. The entry with the highest number of hearts from eligible voters will be given the people's choice award.
  5. Suspicious activities such as, but not limited to, usage of bots, hacking, spamming, are grounds for disqualification. The organization reserves the right to disqualify any entry involved with suspicious activities. In case of multiple entries involved with suspicious activities, the organization reserves the right to forfeit the People's Choice Award.
- B. The judge's decision is final and irrevocable.

## VI. WINNERS AND PRIZES

- A. Winners will be posted on **October 12, 2024 at 5:00 PM** through the Official Facebook Page of UPLB MASS ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).
- B. Participants will receive an e-certificate for their participation.
- C. There will be four winners for this competition. The 1st Place, 2nd Place, 3rd Place Winners, and People's Choice Award. The winners will receive e-certificate of recognition and the corresponding prizes:

| Place           | Prize          |
|-----------------|----------------|
| 1st Place       | PhP 3,000 cash |
| 2nd Place       | PhP 2,000 cash |
| 3rd Place       | PhP 1,000 cash |
| People's Choice | PhP 1,000 cash |

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## 4. CYBERSINE 2024

### GENERAL INFORMATION

In line with the Society's commitment to promoting a deeper appreciation and wider application of mathematical sciences, CyberSine is introduced as a platform. This is a nationwide online short video making competition that aims to celebrate the significance of computer science within this year's Mathematical Sciences Month theme. Through creativity and innovation, showcase how computer science drives advancements in mathematical sciences and contributes to solving real-world challenges.

#### I. ELIGIBILITY

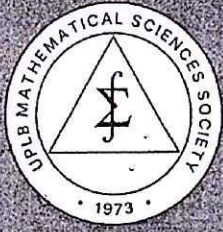
- A. This online short video making competition is **open to all Junior and Senior High School students nationwide**.
- B. There is **no registration fee** for this competition.
- C. Participation in this competition means adhering to the competition guidelines set by the UPLB Mathematical Sciences Society.

#### II. REGISTRATION AND DEADLINES

##### A. REGISTRATION REQUIREMENTS

1. Interested participants should register through [https://bit.ly/MSM2024\\_CyberSineRegistration](https://bit.ly/MSM2024_CyberSineRegistration) to secure their slots for this competition. The registration period shall start on **September 6, 2024 at 8:00 AM** and will end on **September 27, 2024 at 11:59 PM**. Only a maximum of **30 entries**, (may be by **individual or by pair**), will be accommodated, following a first come, first served basis. A registration confirmation will be sent *via* email.
2. Upon registration, participants must accomplish and submit the following in pdf:
  - a) A copy of their most recent *School ID* (in case the school has not yet issued their school ID for A.Y. 2024-2025, the participant can submit *any high school ID or valid ID with the participant's picture*);
  - b) *Any Proof of Enrollment* for A.Y. 2024-2025 (*Certificate of Enrollment signed by the school's registrar or principal, participants may also use this template: [https://bit.ly/CyberSine\\_COE](https://bit.ly/CyberSine_COE)*).
3. The UPLB Mathematical Sciences Society reserves the right to extend the registration period. In case of such adjustments, announcements will be made through the official page of MATHEMATCH ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).

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## B. ENTRY DEADLINE

1. All entries must be submitted on or before **October 2, 2024 at 11:59 PM** through [https://bit.ly/MSM2024\\_CyberSineSubmission](https://bit.ly/MSM2024_CyberSineSubmission). Entries submitted after the deadline may be disqualified.
2. The UPLB Mathematical Sciences Society reserves the right to extend the submission deadline. In case of such adjustments, registered participants will be notified *via* email.
3. All entries will be posted in the official Facebook Page of UPLB MASS (<facebook.com/uplbmass1973>) on **October 14, 2024** during the organization's celebration of the Mathematical Sciences Month 2024.

## III. COMPETITION MECHANICS

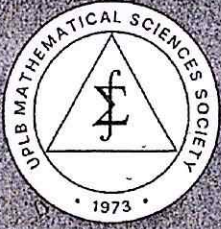
- A. Participants must create a **1 to 3-minute-long video** that shows the **significance of computer science in social media** within the context of Mathematical Sciences Month 2024 theme - "**LIVE NOW: Unboxing Mathematical Sciences in the Digital Age**". The video must contain factual information and proper credits shall be given to all used information, music, etc. at the end of the video. Moreover, the video should NOT contain foul, offensive, or controversial content.
- B. Only **one video entry** may be submitted by the registered participants/pair.
- C. The video must be original and may be in the form of a TikTok-style video (talking video, role play, etc), animation, shorts or reels, etc. It can be in **any orientation** of choice and should be of good quality. It should be submitted in either of the following file formats: **MP4, MOV, or AVI**.
- D. The video may be done in English or Tagalog. The use of subtitles is highly recommended.

## IV. CRITERIA FOR JUDGING

- A. Entries will be judged using the following criteria:

| Accuracy of Information (30%)   | Points |
|---|--------|
| Information stated in the video is accurate.                            | 4      |
| The concepts discussed are properly cited in APA format.                | 4      |
| The concepts discussed are supported by a sufficient number of sources. | 4      |
| Information came from credible sources.                                 | 4      |

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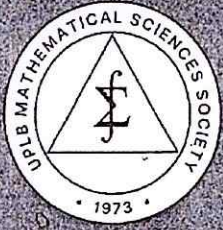
|  |             |
|--|-------------|
| <b>Relevance to the Theme (30%)</b>  |             |
| The video exhibits general thoughts and ideas pertinent to the theme.  | 4           |
| The video captures the attention of the audience in understanding the relevance of computer science concepts to the theme. | 4           |
| The video depicts the roles and importance of computer science in relation to the theme.                                   | 4           |
| <b>Creativity (20%)</b>  |             |
| The video is highly engaging and appeals to the audience.  | 4           |
| The video displays innovative ideas and creative techniques.   | 4           |
| <b>Originality (10%)</b>   |             |
| The music, images and graphics used were properly credited.  | 4           |
| The delivery of the video highly exhibits originality.   | 4           |
| <b>Production or Technical Quality (10%)</b>   |             |
| The video uses excellent transitions and effects that are smooth and well-placed.  | 4           |
| The overall imagery enhances the concept and message of the video.   | 4           |
| The audio and/or background music is clear and relevant to the video.  | 4           |
| The video follows the specified duration according to the competition mechanics.   | 4           |
| <b>TOTAL</b>   | <b>100%</b> |

- B. The top three highest scorers will be declared the 1st, 2nd, and 3rd place winners based on their obtained scores.
- C. The judges' decision is final and irrevocable.

## V. PEOPLE'S CHOICE AWARD

- A. Aside from the top three winners, there will be a People's Choice Award who will be determined based on the number of social media engagements. The criteria for the award will be as follows:

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1. The voting shall commence as soon as the entries are posted and it will run until **October 18, 2024 at 5:00 PM.**
2. Only **'Heart'** reacts will be counted. A voter may react on more than one entry.
3. Voters must **like** and **follow** the UPLB MASS Official Facebook page ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)), otherwise their vote will not be counted.
4. The entry with the highest number of hearts from eligible voters will be given the people's choice award.
5. Suspicious activities such as, but not limited to, usage of bots, hacking, spamming, are grounds for disqualification. The organization reserves the right to disqualify any entry involved with suspicious activities. In case of multiple entries involved with suspicious activities, the organization reserves the right to forfeit the People's Choice Award.
6. The judges' decision is final and irrevocable.

## VI. WINNERS AND PRIZES

- A. Winners will be posted on **October 19, 2024 at 5:00 PM** through the Official Facebook Page of UPLB MASS ([facebook.com/uplbmass1973](https://facebook.com/uplbmass1973)).
- B. Participants will receive an e-certificate for their participation.
- C. There will be four winners for this competition. The 1st Place, 2nd Place, 3rd Place Winners, and People's Choice Award. The winners will receive e-certificate of recognition and the corresponding prizes:

| Place           | Prize          |
|-----------------|----------------|
| 1st Place       | PhP 5,000 cash |
| 2nd Place       | PhP 3,000 cash |
| 3rd Place       | PhP 2,000 cash |
| People's Choice | PhP 1,000 cash |

- D. In the event of a tie for any placement, the winners will be determined by the number of heart reactions on the respective entries posted by the organization.

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OFFICE OF THE VICE CHANCELLOR FOR STUDENT AFFAIRS,  
UNIVERSITY OF THE PHILIPPINES LOS BAÑOS

Room 2, 2/F Student Union Building, UP Los Baños, College, Laguna 4031 Philippines  
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Office of Student Activities

19 July 2023

**CERTIFICATION**

This is to certify that **UPLB MATHEMATICAL SCIENCES SOCIETY** is a duly registered academic organization of the University of the Philippines Los Baños (UPLB) for two academic years starting 2<sup>nd</sup> semester A.Y. 2022-2023 until 1<sup>st</sup> semester A.Y. 2024-2025.

This certification is issued to the abovementioned for whatever legal purpose it may serve.

  
MOSES O. VILLANUEVA  
OIC-Director, OSA

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