



VISAYAS
STATE UNIVERSITY



DEPARTMENT OF
MATHEMATICS

28 July 2023

Dr. EDGARDO E. TULIN
President
Visayas State University

Thru: **Dr. BEATRIZ S. BELONIAS**
Vice President for Academic Affairs

Dear **Dr. Tulin**:

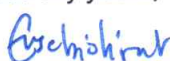
In compliance with the OVPAA Memo Circular No. 31, s. 2023, instructing colleges and academic departments to hold a curriculum and instruction review; the Department of Mathematics will conduct a curriculum and instruction review workshop on August 14, 2023. The department will present the outputs of this activity during the CAS Curriculum Review.

The Department of Mathematics offered the Bachelor of Science in Mathematics program in SY 2021-2022. This program met the minimum requirements indicated in CMO No. 48, s. 2017 and was granted COPC in June 2023. However, during the CHED's on-site evaluation of the program before the issuance of COPC, the evaluator recommended some suggestions to improve the program's offering. Hence, we propose conducting the abovementioned workshop to address the said recommendations and to accomplish the required report indicated in the OVPAA MC No. 47. This activity aims to ensure continued compliance with the academic standards of our curricular offering, ascertain that the BSMath curriculum aligns with the need of the industry, and optimize student learning.

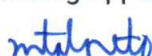
With these, we would like to request funds amounting to **ten thousand two hundred pesos (PHP 10 200.00)** for the event's snacks, lunch, and tokens. Attached is the approved proposal for this activity.


We are looking forward to your favorable action on this request. Thank you very much.

Respectfully yours,



EUSEBIO R. LINA JR.
Head, DMATH

Recommending Approval:


MA. THERESA P. LORETO
Dean, CAS


BEATRIZ S. BELONIAS
Vice President for Academic Affairs

APPROVED:


EDGARDO E. TULIN
President

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TRAINING/WORKSHOP/ORIENTATION PROPOSAL

Title: Department of Mathematics Curriculum and Instruction Review

Participants:

1. DMath Faculty and Staff
2. Student representatives
3. CAS Dean
4. Industry representatives (BSMath graduates working in industry)

Date: August 14, 2023 (Tentative date)

Venue: DMath Conference Room or DMath – Room 7

Rationale:

The Department of Mathematics offered the Bachelor of Science in Mathematics program in SY 2021-2022. This program met the minimum requirements indicated in CMO No. 48, s. 2017 and was granted COPC in June 2023. The department is also a service department for the general education course Math 11n – Mathematics in the Modern World and other math subjects for various programs at the university.

During the CHEDRO 8 on-site evaluation of the BSMath program before the issuance of COPC, the evaluator recommended some suggestions to improve the program's offering. In particular, the department needs to specify the details of the following components of the curriculum: free electives, math electives, cognates, and undergraduate thesis. In addition, the department needs to re-examine the different math courses for other undergraduate programs to improve students' performance in higher mathematics subjects. Also, we need to harmonize the schedule of offering Math 11n–Mathematics in the Modern World.

With these and to comply with the OVPAA Memo Circular No. 31, s. 2023, instructing colleges and academic departments to hold a curriculum and instruction review, the DMath would like to propose conducting this activity. It aims to

- ensure continued compliance with academic standards of the BSMath curriculum;
- ascertain that the BSMath curriculum aligns with the need of the industry; and
- optimize student learning.

Objectives:

The DMath Curriculum and Instruction Review aims to critically examine the existing BSMath Curriculum and the offering of other various math courses in the university. In particular, it aims to seek the following:

1. Revisit the following resource materials:

- a. Alignment of the BSMath program vis-à-vis CHED CMO and VSU standards.
 - b. College Goals, Department Objectives, Program Educational Objectives, and Program Outcomes to VSU Vision and Mission
 - c. Course syllabus of each course and its content.
2. Ascertain the need for the revision of the course checklist in terms of the following:
 - a. Semester
 - b. Course Number
 - c. Course Title
 - d. Number of units
 - e. Number of hours
 - f. Pre-requisite
 - g. Academic load per semester (total units)
3. Harmonize the schedule of Math 11n offering
4. Determine the terminal requirement for graduation
5. Assess the current status of the degree program in terms of facilities and equipment (resource materials).
6. Assess the strengths, weaknesses, and areas needing improvement for the degree program and the teaching-learning process.
7. Specify some policies on the following components in the BSMath curriculum.
 - a. Free electives
 - b. Math electives
 - c. Cognate courses
 - d. Undergraduate thesis

Methodology/Strategy:

The proposed activity will be hybrid (face-to-face for DMath faculty, staff, and students and virtual for the industry representatives). This is designed for the participants to revisit the existing curriculum of the BSMath program and conceptualize strategies for improving the program based on the feedback and suggestions of the invited stakeholders.

Part 1 of the activity will be a dialogue among DMath faculty, students, and invited industry representatives. The focus of the discussion is to gather insights as to which part of the curriculum requires revision to align with the expectations of its stakeholders.

The next part will be a workshop to accomplish the activity's objectives. The facilitator will divide the faculty into three to four groups. Each group has an assigned task to attain the activity's expected outcome. At the end of the workshop, each group will present its outputs. The department clerk or secretary will consolidate the presented outputs and draft the Dmath curriculum and instruction review report. The department will submit the activity report during the CAS Curriculum Review.

Resources Needed:

- AV Equipment
- Office supply
- Google Meet or Zoom facility
- Snacks and meal

Expected Outcome:

- A revised BSMath curriculum with specific details on some of its course components
- Proposed schedule of offering the Math 11n subject to distribute the number of students evenly by semester

Estimated Budget:

Particulars	Cost in pesos (PhP)
Snacks (AM and PM) for 20 participants at PhP80 each	3 200.00
Lunch for 20 participants at PhP250 each	5 000.00
Tokens for guests (industry representative)	2 000.00
TOTAL	10 200.00

Prepared by:

Eusebio R. Lina, Jr.
EUSEBIO R. LINA, JR.
Head, DMath

Availability of funds:

Alicia M. Flores
ALICIA M. FLORES
Head, Budget Office
changed to STF- Curr. Development

Approved by:

MA. Theresa P. Loreto
MA. THERESA P. LORETO
Dean, CAS

Vision:
Mission:

A globally competitive university for science, technology, and environmental conservation.
Development of a highly competitive human resource, cutting-edge scientific knowledge and innovative technologies for sustainable communities and environment.

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PROGRAM OF ACTIVITIES

*(*This should include the date, time, opening, closing, and the topics to be discussed)*

Department of Mathematics Curriculum Review

August 14, 2023, 8:00 AM – 5:00 PM

8:00	Registration	
8:30 AM	Opening Program Invocation Opening Remarks and Overview	Prof. Jorge S. Valenzona Dr. Eusebio R. Lina, Jr. Head, DMath
8:45 AM	Consultation with the students and industry representatives	
9:30 AM	Workshop proper (by groups)	
Noon	Lunch break	
1:00 PM	Continuation of the workshop	
3:30 PM	Presentation of outputs	
4:30 PM	Closing Remarks	Dr. Ma. Theresa P. Loreto Dean, CAS

Emcee: Ms. Jenelyn V. Valenzona