



6. Major Tracks/Pathways (if any):

Major track/pathway	Credit hours (For each track)	Professions/jobs (For each track)
1.		•

7. Exit Points/Awarded Degree (if any):

exit points/awarded degree	Credit hours
1.	

8. Total credit hours: (133)

B. Mission, Objectives, and Program Learning Outcomes

1. Program Mission:

Preparing specialized cadres in mathematics to meet the needs of the labor market and capable of solving its problems using their skills in scientific research.

2. Program Goals:

1.	Providing students with basic concepts and theorems in mathematics.
2.	Developing students' capabilities for continuous self-learning.
3.	Providing students with a number of mental skills (logical thinking, analysis, reasoning, and problem solving).
4.	Providing students with scientific research skills in the field of mathematics.
5.	Enabling students to deal with mathematical models and statistical data.

3. Program Learning Outcomes (Track of Pure Mathematics)

Knowledge and Understanding

K1	Demonstrate knowledge of fundamental facts and concepts in mathematical sciences and statistics.
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Skills

S1	Solve pure and applied mathematical problems.
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S2	Construct mathematical proofs in a clear and concise manner.
S3	Demonstrate proficiency in applying a diverse range of mathematical techniques to successfully solve problems.
S4	Articulate mathematical ideas verbally and in writing, and formulating some of them within structured research frameworks
S5	Utilize specialized mathematical software programs to solve various problem scenarios.

Values, Autonomy, and Responsibility

V1	Work individually and as part of a team, taking responsibility and adhering to societal values.
V2	Develop independence and fostering a commitment to lifelong self-learning.

C. Curriculum

1. Curriculum Structure

Program Structure	Required/ Elective	No. of courses	Credit Hours	Percentage
Institution Requirements	Required	6	12	9.02%
College Requirements	Required	7	25	18.80%
Program Requirements	Required	28	84	63.16%
Capstone Course/Project	Required	1	3	2.26%
Field Training/ Internship	Required	-	-	-
Residency year	Required	-	-	-
Others (Department Requirement)	Required	3	9	6.77%
Total		44	133	100%

* Add a separated table for each track (if any).

