



Far Western University
Faculty of Education
Bachelor of Education (B.Ed.) in Mathematics
Revised Course Cycle, 2079

First Semester

S. No.	Course Code	Courses	Types of Courses	Credits
1	C.Nep.110	अनिवार्य नेपाली -१	Communication	3
2	C.Eng.110	Study Skills in English I	Communication	3
3	Ed.111	Philosophies in Education	Professional	3
4	Math.Ed.111	Differential Calculus	Major	3
5	Math.Ed.112	Probability and statistics	Major	3

Second Semester

S. No.	Course Code	Courses	Types of Courses	Credits
1	C.Nep.120	अनिवार्य नेपाली -२	Communication	3
2	C.Eng.120	Study Skills in English II	Communication	3
3	Ed.Psy.122	Developmental Psychology	Professional	3
4	Math.Ed.123	Integral Calculus	Major	3
5	Math.Ed.124	Geometry	Major	3

Third Semester

S. No.	Course Code	Courses	Types of Courses	Credits
1	C.Eng.230	Study Skills in English III	Communication	3
2	Ed.Psy.233	Learning, Teaching and Assessment	Professional	3
3	Ed.Cur.234	Introduction to Curriculum	Professional	3
4	Math.Ed.233	Number Theory	Major	3
5	Math.Ed.2334	Basic Linear Algebra	Major	3

Fourth Semester

S. No.	Course Code	Courses	Types of Courses	Credits
1	Ed.243	Education and Society	Professional	3
2	Ed.Tech.244	Instructional Methods and Technology	Professional	3
3	Math.Ed.243	Real Analysis I	Major	3
4	Math.Ed.244	Analytical Geometry	Major	3
5	Math.Ed.245	History of Mathematics	Major	3
6	... 246	Select any other subject	Minor	3

Fifth Semester

S. No.	Course Code	Courses	Types of Courses	Credits
1	Ed.NS.351	Nepal's Study	Professional	3
2	Ed.St.352	Application of Statistics in Education	Professional	3
3	Math.Ed.353	Real Analysis II	Major	3
4	Math.Ed.354	Topology and Graph theory	Major	3
5	Math.Ed.355	Developing Instructional Materials for Teaching Mathematics	Major	3
6	... 356	Select any other subject	Minor	3

Sixth Semester

S. No.	Course Code	Courses	Types of Courses	Credits
1	Ed.362	Educational Development in Nepal	Professional	3
2	Math.Ed.363	Mathematical Analysis	Major	3

3	Math.Ed.364	Vector Geometry	Major	3
4	Math.Ed.365	Curricula in Mathematics Education	Major	3
5	... 366	Select any other subject	Minor	3
6	...367	Select any other subject	Minor	3

Seventh Semester

S. No.	Course Code	Courses	Type of Courses	Credits
1	Ed.472	Diversity in Education	Professional	3
2	Math.Ed.473	Abstract Algebra	Major	3
3	Math.Ed.474	Discrete Mathematics	Major	3
4	Math.Ed.475	Teaching Mathematics	Major	3
5	... 476	Select any other subject	Minor	3
6	... 477	Select any other subject	Minor	3

Eighth Semester

S. No.	Course Code	Courses	Type of Courses	Credits
1	Ed.482	Alternative Thinking in Education	Professional	3
2	Ed.483	Teaching Practice /Practicum	Professional	3
3	Math.Ed.484	Professional Development of Mathematics Teachers	Major	3
4	Math.Ed.485	Integrated Approaches for Mathematics Education	Major	3

List of Minor Mathematics Subjects

Semester	Course Code	Courses	Type of Courses	Credits
IV	Math.Ed.MC.246	Discrete Mathematics	Minor	3
V	Math.Ed.MC.356	Topology and Graph theory	Minor	3
VI	Math.Ed.MC.366	Geometry	Minor	3
VI	Math.Ed.MC.367	Differential Calculus	Minor	3
VII	Math.Ed.MC.476	Basic Linear Algebra	Minor	3
VII	Math.Ed.MC.477	Probability and Statistics	Minor	3

Remark: Mathematics students should choose minor subjects from any other prescribed subject. In addition, Students majoring in a subject other than mathematics who want to take a minor in mathematics can choose a minor subject from the list given above.

Summary Table

Type of Courses	Number of Courses	Credit Hours
Communication	5	5×3=15
Professional	12	12×3=36
Major	20	20×3=60
Minor	6	6×3=18
Total	43	43×3=129