A teaching Plan for a BA/B.Sc. in Mathematics program typically span three years & includes a combination of Core Mathematics Courses, Electives & SEC courses. Below is a general frame work for the teaching plan.

BA/B.Sc-1st Year

Core-Courses:- 1)   Differential Calculus

2) Differential Equations

BA/B.Sc-2nd Year

Discipline Specific Courses (D.S.C):-

1) Real Analysis
2) Algebra

Skill Enhancement Courses (S.E.C):-

1) Integral Calculus
2) Vector Calculus

BA/B.Sc-3rd Year

Discipline Specific Elective (D.S.E):-

1) Matrices
2) Numerical Analysis

Skill Enhancement Courses (S.E.C) :-

1) Probability and statistics
2) Transportation and Game Theory

Teaching Methodology

1) **Lecture Delivery**
   - Use multimedia tools & interactive white boards for concepts.
   - Assign pre –reading materials for flipped class rooms services.
2) **Tutorials & Problem Solving**
   - Weekly problem –solving workshops
   - Assignment focused on real –life applications.
3) **Hands on Practices**
   *Use software like Mathematics for computational tasks like Scientific Calculators
   *Introduce projects based on real-world problems.

4) Assessment

* Weekly assignments

*Mid Term & End Term Examination

*Presentation for Projects